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PRELIMINARY ASSESSMENT
HERRON AVENUE SITE
CINCINNATI, OHIO
ATC PROJECT NO. 72.05876.0282

1/1/0

Prepared For:

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Prepared by:

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Senior Project Scientist

Reviewed by:

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Michael J. Luessen, P.G./C.P.
Principal Consultant

June 4, 2003

TABLE OF CONTENTS

| | |
|---|-----------|
| EXECUTIVE SUMMARY | i |
| 1.0 INTRODUCTION | 1 |
| 1.1 PURPOSE AND SCOPE | 1 |
| 1.2 BACKGROUND | 1 |
| 1.3 SITE DESCRIPTION | 2 |
| 1.4 PREVIOUS INVESTIGATION | 2 |
| 2.0 HISTORICAL RECORDS REVIEW | 5 |
| 2.1 HAMILTON COUNTY ATLAS MAPS | 5 |
| 2.2 SANBORN FIRE INSURANCE MAPS | 5 |
| 2.3 CITY DIRECTORY RECORDS | 6 |
| 2.4 AERIAL PHOTOGRAPHS | 7 |
| 2.5 TOPOGRAPHIC MAPS AND SURVEYS | 9 |
| 2.6 CHAIN-OF-OWNERSHIP INFORMATION | 10 |
| 2.7 BUILDING DEPARTMENT RECORDS | 11 |
| 2.8 FIRE DEPARTMENT RECORDS | 11 |
| 2.9 INTERVIEWS | 11 |
| 2.10 HISTORICAL SUMMARY | 12 |
| 3.0 GEOPHYSICAL SURVEY | 13 |
| 4.0 CONCLUSIONS AND RECOMMENDATIONS..... | 15 |

FIGURES

Figure 1 - Area of Study Map

Figure 2 - Site Location Map

APPENDICES

Appendix A - Hamilton County Atlas Maps

Appendix B - Sanborn Fire Insurance Maps

Appendix C - Aerial Photographs

Appendix D - Topographic Maps and Surveys

Appendix E - Property Transfer Records

Appendix F - Geophysical Investigation Report (Mundell & Associates, Inc.)

1.0 INTRODUCTION

ATC Associates Inc. (ATC) completed a Preliminary Assessment of the Herron Avenue Site, a linear right-of-way tract located in the South Cumminsville area of Cincinnati, Ohio, during March - May 2003. The Study Area is shown in Figure 1. The study was conducted on behalf of the City of Cincinnati, in general accordance with ATC Proposal No. EM-028-04, dated March 25, 2003. This report documents our findings.

1.1 Purpose and Scope

The purpose of this project was to investigate the extent and potential sources of 55-gallon drums of waste materials encountered during construction activities at the subject site. Accordingly, the scope of work consisted of: a) a review and compilation of existing data from previous investigations of the property, b) a review of historical records for the site and surrounding area, and c) a focused geophysical survey of the site.

1.2 Background

Two 55-gallon drums with unknown contents (liquid/sludge, with characteristics consistent with that of spent solvent and/or petroleum products) were encountered during excavation activities associated with the Herron Avenue sanitary sewer construction project on March 18, 2003. Variable fill materials consisting predominantly of foundry sands were encountered during sewer installation up to that date, as the sanitary sewer line had already been installed north and south of the subject area along Herron Avenue (a north-south connector between Dreman Avenue and Powers Road – see Figures 1 and 2). Construction activities were halted with approximately 75 horizontal feet of sewer line remaining to be laid to finish the project.

Initial remedial activities were undertaken, and the drums and associated impacted soil were removed and stored in a lined, covered roll-off box on-site. After the removal of four additional drums from the trench (six total), additional drums were exposed in the trench wall. The trench was backfilled with existing fill materials on-site to mitigate potential safety/exposure

issues associated with the open trench. Laboratory analytical results indicated that three of the drums formerly contained solvents, and the fourth drum likely contained a petroleum product. The collected materials were characterized as non-hazardous, and were properly disposed of off-site as special waste.

Variable fill materials encountered to date at the site include tires, automobile parts, foundry sands, and miscellaneous fill. Such materials are stockpiled above-grade on-site. Tires have been segregated; other materials have been re-used as backfill around the new sewer line.

1.3 Site Description

This study is limited to the City's right-of-way along Herron Avenue (a linear north-south tract approximately 50 feet wide through the central portion of the project site – see Figure 1). The study specifically excludes the approximately 700 feet long (north-south) by 400 – 200 feet wide (east-west) area immediately west of the West Fork of the Mill Creek, between Dremar Avenue and Powers Avenue, as well as the area west of the right-of-way that has been cleared for potential redevelopment. Currently the site consists primarily of graded soil/fill (predominantly black foundry sand), with local areas of variable fill and piles of construction materials.

Limited site reconnaissance was performed over the area of the site and surrounding area during April and May, 2003. Several 55-gallon drums (most rusted and in various states of condition) were observed to be exposed in fill materials above the west bank of the concrete-lined West Fork Mill Creek channel, east of the central portion of the site.

1.4 Previous Investigation

ATC reviewed the following documents provided by the City of Cincinnati and Working in Neighborhoods (WIN) to ascertain a site history and related previous investigations at the site:

- *Report of Phase I Environmental Site Assessment*, H.C. Nutting Company (HCN), October 31, 1995,
- *Report of Limited Subsurface Investigation*, HCN, January 11, 1996,
- *Report of Phase I Environmental Site Assessment*, Environmental Enterprises, Inc. (EEI), December 1999,
- *Phase II Investigation and Sample Results*, EEI, May 18, 2000, and
- *Geotechnical Exploration – Herron Heritage Homes Subdivision*, Thelen Associates, Inc. (Thelen), April 30, 2003.

The HCN Phase I Environmental Site Assessment (ESA) performed in October 1995 identified the following potential environmental concerns:

- Surface staining, apparently associated with petroleum products, in the northern portion of the property, and
- Hazardous substances or wastes associated with the former presence of a cabinet shop and enamel spraying shop on-site, and two 55-gallon drums observed on the property.

A Limited Subsurface Investigation was performed by HCN at the site in December 1995. Eight shallow soil borings were advanced on-site to depths of 4 to 8 ft. below ground surface. Elevated levels of organic vapors (50 parts per million or greater) were detected in samples from six of the eight borings during field screening with a flame ionization detector (FID). However, only one sample was laboratory analyzed for volatile organic aromatics (VOAs), and the sample selected for such analysis had an FID reading of <1 ppm.

Samples from seven of the eight borings were analyzed for total petroleum hydrocarbons (TPH) by EPA Method 418.1. TPH concentrations ranged from non-detect (<10 ppm) to 17,000 ppm. One sample was also analyzed for polynuclear aromatic hydrocarbons (PAH) by EPA Method 8270. Although only four PAH compounds were detected, the detection limit (2.5 ppm) was relatively elevated (i.e., in excess of current analogous standards for a residential exposure scenario – 1.10 ppm for selected PAH compounds; Ohio Administrative Code 3745-300-08, Voluntary Action Program Generic Direct Contact Standards). The HCN report concluded that localized hydrocarbon impact was present, and that the detected hydrocarbons did not appear to be those of environmental concern (i.e. attributable to the presence of gasoline, diesel fuel, or fuel oil).

Although fill materials were noted in the boring logs contained within the report, the presence of such materials was not noted as a potential environmental issue.

The EEI Phase I ESA performed in December 1999 identified areas of environmental concern as outlined below.

- Four unlabeled 55-gallon metal drums were noted exposed in a hillside on-site. One of the drums appeared to contain asphalt; the other three drums were sealed and partially buried. Their content was not discerned. The report recommended characterization of the drums prior to removal and disposal from the site.
- Debris consisting of furniture, tires, bottles, and automotive parts was observed throughout the property. Staining around the materials was not noted. However it was noted that oil and other automotive related fluid may be present and that care should be taken when removing the materials to prevent environmental contamination.

In May 2000 a Phase II Investigation was performed by EEI to address the four 55-gallon drums identified in the December 1999 ESA. Samples were collected from the drums and laboratory analyzed for RCRA metals. Analytical results indicated the presence of lead in the drums (maximum concentration of 55 ppm). The report recommended that the drums be disposed of properly as "lead contaminated".

A geotechnical exploration was performed at the site by Thelen in April 2003. Thelen advanced fourteen soil borings over the area of the site in conjunction with a geotechnical engineering evaluation of the area, relative to its planned redevelopment for residential purposes. Six of the subject borings were installed within the R-O-W. The borings encountered fill materials to depths of 9.5 – 24.5 feet across the study area (9.5 – 17 feet within the R-O-W). The majority of the fill encountered consisted of "foundry spoils, silty fine sands", "some construction rubbish", and silty clay fill materials. "Petroleum odors" were noted from approximately 4 to 25 feet in a boring located east of the central portion of the R-O-W.

2.0 HISTORICAL RECORDS REVIEW

ATC reviewed available files at the Hamilton County Tax Assessor and Auditor's offices, the Hamilton County Records Department, and the City of Cincinnati Addressing office to determine potential historic parcel numbers and addresses of the site. The site consists of Hamilton County parcel 192-0065-0131-00 located between the northern and southern extensions of Herron Ave, between Powers Street and Dreman Avenue. The site was formerly part of Hamilton County parcel 192-0065-0121, with the address of 3740 Cass Avenue. The site may also have been historically addressed as 3729 Herron Avenue.

After determining the historic address of the site, ATC researched Hamilton County Atlas maps, Sanborn Fire Insurance Maps, historic city directories, topographic maps and surveys, fire department records, and building records for the identified address. Aerial photographs were also obtained from the Hamilton County Engineer's Office, the Hamilton County Soil and Water Conservation District Office, the Hamilton County Parks Department, and the Ohio Department of Transportation to document site history. ATC also performed a chain-of-title search for the site. Findings are summarized in the following sections.

2.1 Hamilton County Atlas Maps

Atlas maps for the area of the site were reviewed at the Hamilton County/Cincinnati Public Library in Cincinnati, Ohio. ATC reviewed Atlas maps for the years 1869 and 1884. The site was labeled W.G. Barkham (northern quarter) and Mary Forbes (central quarter) and J. Hetka (southern half) on the 1869 map, and as Barkham (northern half) and A. Hoppe (southern half) on the 1884 map. Copies of the Atlas maps are presented in Appendix A.

2.2 Sanborn Fire Insurance Maps

Sanborn maps for the area of the site were reviewed at the Hamilton County/Cincinnati Public Library in Cincinnati, Ohio. ATC's reviewed Sanborn maps for the years 1922, 1934-1937, 1937, and 1937-1961. Prior to 1922 coverage for the site and surrounding area was not

available. Information obtained from our review of the above-referenced Sanborn maps is summarized below:

1922 Map

The southern portion of the site existed as Herron Avenue, with apparent residential parcels east and west of it. The northern half of the study area was part of the Edward Rolls Estate. Parcel 192-0065-0121 (which the right-of-way extends through) is indicated as "H. Maschmeier", and appears to be developed with two unlabeled structures west of the right-of-way (R-O-W). The West Fork of the Mill Creek meanders through parcels east of the R-O-W.

1934-37 Map

The northern half of the R-O-W appears to be undeveloped. The area west of this section was developed with three automotive garages, as well as a shed, a barn, a residential structure, and an unlabeled structure. The southern half of the R-O-W existed as Herron Avenue, with apparent residential parcels on either side in its northern portion. Parcels east and west of the southern part of the R-O-W appear to be commercial in nature. A structure labeled "Cabinet Shop & Enamel Spraying" appears southeast of the R-O-W along Dreman Avenue. The West Fork of the Mill Creek has been channelized, and now forms a linear north-south boundary to parcels east of the right-of-way.

1937 Map

The site appears similar to the 1934-1937 map, with the exception that the structure located southeast of the site along Dreman Avenue is configured into sections labeled as a garage, plumbing, and wood working.

1937-1961 Map

The site appears as indicated on the 1934-37 map.

Copies of reproducible Sanborn maps are presented in Appendix B.

2.3 City Directory Records

ATC reviewed historic city directories for the site in approximately 5-year increments from 1907 to 2002. The directories were reviewed at the Hamilton County/Cincinnati Public Library for the site. The current site address was not listed in city directories reviewed. Available listings for 3729 Herron Avenue are summarized below.

| Address | Occupant | Year(s) Listed |
|----------------|----------------|---|
| Not Responsive | Vacant | 1965, 1980-1981, 1985, 1991 |
| | Not Responsive | 1971, 1974 |
| | | 1961 |
| | | 1952 |
| | | 1947 |
| | | 1907, 1916, 1927-1928, 1929-1930, 1933-1934, 1940 |

2.4 Aerial Photographs

Aerial photographs for the area of the site were obtained from the Hamilton County Engineer's Office for the years 1948, 1986, 1996, and 2001; the Hamilton County Soil and Water Conservation District Office for the years 1956, 1975, 1977, 1987, and 1990; the Hamilton County Parks Department for the years 1931 and 1932 (compiled from late 1920s flight) and the Ohio Department of Transportation for the years 1958, 1960, 1962, 1973, 1981, 1986, and 1993. Information obtained from our review of the above-referenced aerial photographs is summarized below :

1932 Aerial Photograph (compiled from late 1920s flight)

The area of the site appears to be agricultural/residential in nature. The northern portion of the area that the R-O-W extends through appears to be occupied by four unknown structures and one residence. A dirt driveway extends south from the paved northern portion of Herron Avenue (north of the site) to one of the structures. Row crops are visible west of the right-of-way in this area. The areas east and southwest of the R-O-W appear to be cleared and undeveloped, with the exception of a commercial building located southeast of the right-of-way along Dreman Avenue. Construction related to the rerouting and lining with concrete of the present configuration of the West Fork of the Mill Creek is apparent to the east of the parcel.

1931 (October) Aerial Photograph

The site appears similar as to the 1932 aerial photograph. However, construction on the West Fork of the Mill Creek appears to be complete; the creek appears to be lined with concrete.

1948 Aerial Photograph

The site appears similar as to the 1931 and 1932 aerial photographs. The West Fork of the Mill Creek is labeled as 'Concrete Creek Channel'. A rectangular cleared area is present on the east side of Herron Avenue in the southern portion of the site.

1956, 1958, 1960, and 1962 Aerial Photographs

The site appears similar as to the 1948 aerial photograph, with an increase in the density of the trees, particularly in the area northeast of the R-O-W. The commercial structure located along Dreman Avenue (east of the southern portion of the site) appears on the 1956, 1958 and 1960 aerials and appears as cleared, undeveloped land on the 1962 aerial.

1973 Aerial Photograph

The site appears to be cleared and contiguous between the northern and southern extensions of Herron Avenue. The area surrounding the northern portion of the site is developed only with a residential structure, immediately west of the R-O-W. The area northwest of the site appears to have become more densely wooded relative to the 1962 aerial. Several vehicles appear in the central portion of the site and east of the R-O-W. In addition, thirteen objects of unknown nature appear east of the southern portion of the R-O-W in four orderly rows. Dark material, potentially foundry sands, is visible in the central portion of the site. Evidence of dumping of unknown nature is apparent throughout the parcel.

1975 and 1977 Aerial Photographs

The central portion of the site appears to have been graded; it is generally clear of trees. The northern half (the unpaved portion) of the R-O-W appears slightly darker than areas to the east and west in the 1975 photo. Trees are more abundant in the 1977 photograph; the site appears to be becoming more overgrown in nature. A linear light colored area along the southern portion of the R-O-W makes a half circle to the east, suggesting a turnaround area.

1981 Aerial Photograph

The site appears similar to the 1975 and 1977 aerial photographs. An increase in the density of trees is apparent throughout the site and surrounding area. However, the southern portion of the R-O-W, as well as portions of the immediately surrounding area, are light-colored/reflective, suggestive of bare/graded soil in those areas. An apparent trailer is visible west of the southern portion of the R-O-W, and intermittent objects are present along the east side of the site in this area.

1986, 1987, 1989, 1990, and 1993 Aerial Photographs

The northern portion of the parcel appears similar to the 1981 aerial photograph, with an increase in the density of the trees located in this area. Apparent automobiles, trailers, and miscellaneous debris are present in the southern portion of the site, suggestive of a junkyard or salvage operation. A lighter colored cleared area is present in the central portion of the site in the 1986 photo, suggesting grading activities/bare soil in that area. The vehicles/objects are much more consolidated and orderly in the 1993 photograph, and are limited to the southern portion of the site. The R-O-W is generally cleared and bare of trees throughout its entire length in the 1993 photograph. Lighter colored areas in the central portion (including a large oval area) suggest a turnaround (for dumping?) and grading/bare soils in that vicinity.

1996 Aerial Photograph

The site appears to consist of a cleared path extending south from the northern extension of Herron Avenue to an oval cleared area in the central portion of the R-O-W. The area appears similar to the 1993 aerial, with an increase in the density of trees. Areas east and west of the northern portion of the R-O-W appear as wooded, undeveloped land. The

southern portion of the site is cleared of the junkyard materials that appeared on earlier aerals.

2001 Aerial Photograph

The northern half of the site appears to be grown over and partially wooded. A narrow path extends along the R-O-W in this area, southward from the northern portion of Herron Avenue. The southern half of the R-O-W (and the area southeast) appears to be graded and cleared. Apparent automobiles are visible along the southern portion of the R-O-W.

Copies of aerial photographs are presented in Appendix C.

2.5 Topographic Maps and Surveys

ATC obtained historical United States Geologic Survey (USGS) Topographic Maps from Environmental Data Resources (EDR) for the years 1914, 1953, 1961, 1970, 1975, and 1981. City of Cincinnati/Hamilton County Metropolitan Topographic Survey maps were obtained from the Hamilton County Engineer's Office for the years 1952 and 1975. A copy of the 1912 Topographic Survey of Cincinnati and the CAGIS map with contours based on 2001 aerial photography were provided by Mr. Jack Wachter, with the City of Cincinnati.

The original configuration of the West Fork of the Mill Creek is evident on the 1912 and 1914 maps, and shows that a westward bend of the Creek meandered along the eastern portion of the R-O-W at that time. The Creek was reconfigured and lined with concrete in the area of the site by 1952. The area along the southern portion of the R-O-W sloped towards the creek at that time; the northern portion of the R-O-W was flatter and lower. The 500 foot contour line ran generally north/northwest to south/southeast along the R-O-W. The 1961 USGS map shows generally the same topography. Subsequent USGS maps were photorevisions of the 1961 base map; structures and objects changed but the topographic base was not updated in such maps.

Significant elevation changes were evident on the 1975 Hamilton County map. The 500 foot contour extends eastward from the central portion of the site, nearly to the West Fork Mill Creek channel. Changes in surface elevation along the central portion of the R-O-W suggest approximately 15 - 20 feet of fill materials had been placed in the central portion of the site by this time (thickening to the east, towards the channel). The CAGIS map, based

on aerial photography from 2001, shows an increase in elevation of the southeastern portion of the parcel.

Copies of topographic maps and surveys are presented in Appendix D.

2.6 Chain-of-Ownership Information

As previously noted the site was formerly part of parcel 192-0065-0121. The City of Cincinnati purchased the site from the South Cumminsville Community for Better Housing, Inc. on November 14, 2002, after which the site became parcel 192-0065-0131.

ATC performed a chain-of-title search for the 3740 Cass Avenue (parcel 192-0065-0121) at the Hamilton County Records office. Historic property ownership is summarized in tabular form below, in reverse chronological order.

| Date | Purchaser | Previous Owner |
|----------|--|---|
| 11/14/02 | South Cumminsville Community for Better Housing, Inc. | Not Responsive |
| 4/15/91 | Not Responsive | Practical Family Living Center, Inc. |
| 12/29/87 | Practical Family Living Center, Inc. | Not Responsive |
| 12/31/84 | Not Responsive | Rev Realty Co., Inc. Not Revelson |
| 10/14/82 | Rev Realty Co., Inc. Not Not | Rev Realty Co., Inc. Not Trustees |
| 1/11/82 | Rev Realty Co., Inc. Not Not Responsive Trustees | Not Trustees |
| 11/16/70 | Not Trustees | Rev Realty Co., Inc. Not Responsive Not Responsive |
| 11/10/70 | Rev Realty Co., Inc. Not Responsive Not Responsive | Rev Realty Co., Inc. |
| 2/2/65 | Rev Realty Co., Inc. | Not Responsive |
| 10/22/63 | Not Responsive | |
| 5/31/63 | | |
| 7/30/59 | | |

| | | | |
|---------|----------------|--|----------------|
| 2/6/51 | Not Responsive | | Not Responsive |
| 5/29/48 | | | |
| 1/16/46 | | | |
| 6/14/05 | | | |

Copies of property transfer records are presented in Appendix E.

2.7 Building Department Records

ATC reviewed building department records at the City of Cincinnati Building Department for Cass and Herron Avenues. Records were not available for the current or historic site address.

2.8 Fire Department Records

ATC contacted the City of Cincinnati Fire Department regarding any underground storage tanks, aboveground storage tanks, or petroleum leaks or spills at the site and/or at historic site address. Records were not available for the current or historic site address.

2.9 Interviews

ATC conducted interviews regarding site history with Not Responsive a resident of Herron Avenue, and Not Responsive, a current resident of Powers Street and a lifelong resident of South Cumminsville.

Not indicated that she moved into the residence located at 3707 Herron Avenue in 1969, and at that time fill materials were not present on the site. She indicated that the trucks began dumping materials at the site a couple of years after she moved in, and that the trucks accessed the site during the day. She was not aware of the origin of the fill materials and did not recall any specific company name on the trucks.

Not [REDACTED], a resident of 1935 Powers Street is a lifelong resident of the community. Mr. Not [REDACTED] indicated that the Creek was reconfigured and lined with concrete around 1930. He indicated that at that time the site was utilized for residential purposes. He also indicated the site owner, Mr. Maschmeier, grew vegetables and operated a 'truck garden' (a vegetable sales business).

2.10 Historical Summary

From the sources described herein, it is apparent that the northern portion of the site was utilized for residential and agricultural purposes from the late 1880s to the 1960s. From at least 1869 to 1905, the parcel was owned by private individuals and likely utilized for residential and agricultural use. From 1905 to approximately 1948 the parcel was owned by Not Responsive [REDACTED], who reportedly utilized the land as a residence, and also to grow and sell vegetables.

This parcel was purchased by Not Responsive [REDACTED] in 1963, and subsequently was transferred to the Rev Realty Co. Not Responsive [REDACTED] until 1987. Based on interviews, aerial photographs and topographic maps, the majority of filling appears to have occurred during the early 1970's. Filling operations appear to have been generally completed by 1975.

Fill materials encountered during recent geotechnical evaluation of the site were predominantly foundry sands, up to 17 feet thick along the R-O-W. "Petroleum odors" were noted from 4 – 25 feet in a boring located east of the central portion of the R-O-W.

3.0 GEOPHYSICAL SURVEY

ATC retained Mundell & Associates, Inc. (Mundell) of Indianapolis, Indiana to perform a geophysical survey at the site. The purpose of the survey was to investigate the extent and geometry of potential buried 55-gallon drums of waste at the site, given the discovery of such materials within the R-O-W. Accordingly, a metal detection survey was conducted in a grid pattern over the R-O-W.

The survey was conducted on April 15, 2003. Mundell collected metal detection data using a Geonics EM-61 MKII detector. ATC personnel assisted the Mundell geophysicist in setting up a grid over the R-O-W area, and with data collection. Geophysical data was continuously collected, using a datalogger and global positioning system tracker, with data recorded in one second intervals. A copy of the *Geophysical Investigation Report* prepared by MUNDELL, dated April 30, 2003 is presented in Appendix F.

The data collected by Mundell revealed occurrences of numerous sporadically placed metallic objects throughout the site. Geophysical data was contoured, and a color scale used to illustrate survey findings. Gross readings (indicative of "total" readings, including both surficial and buried metallic signatures) are illustrated in Figure 1 of the Mundell report (Appendix F). Data suggests a pervasive presence of metallic objects (typical of landfills) throughout the site.

Differences between metallic detection channels may be used to interpret metallic properties at depth in the subsurface. A channel difference map is presented in Figure 2 of the Mundell report, and illustrates buried metallic objects. Such data indicates that the majority of the metallic objects in the area are either at or near the surface. However, several strong anomalies are present in the northern two-thirds of the site (with the greatest concentration in the central portion of the R-O-W, near the area in which the drums were encountered on-site).

Larger, regular-shaped anomalies (shown in deeper red/orange colors and surrounded by a blue hatched contour in Figure 2 of the Mundell report, presented in Appendix F of this document) are indicative of a high density of buried metallic objects, and could represent

buried drums. Other isolated or irregularly shaped anomalies are also indicative of buried metallic objects, but are less likely to represent the presence of buried drums. The largest anomaly located in the north-central portion of the site represents a laterally extensive significant area of buried metal, potentially consistent with systematic drum burial.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Industrial wastes (predominantly foundry sand), including numerous 55-gallon drums (at least some of which have been found to contain apparent spent solvent/petroleum products), appear to have been placed at the site during an approximate period between 1970 and 1975. The site was owned by Trustees of Howard and Isodore Revelson during this time. The generator(s) of the waste is unknown. Fill materials/wastes encountered have included construction debris, domestic items, tires, automobile parts, 55-gallon drums, as well as foundry sands and mold materials.

Metallic anomalies at depth beneath the R-O-W suggest the potential presence of significant buried drum repositories. Three distinct anomalies along the northern half of the R-O-W may represent repositories of over 100 drums each. Other irregularly shaped anomalies are less likely to, but could represent significant drum accumulations.

Further investigation is recommended to: i) further constrain the origin of the industrial waste placed at the site, and ii) determine the nature of the metallic anomalies detected. Additional interviews and focused research should be conducted to investigate the generators and responsible parties for waste placed at the site. Test pits should be excavated in areas of metallic anomalies to investigate the source of the anomalies. Pits should be excavated systematically, such that the orientation and nature of potential drum repositories (i.e., systematically placed and/or stacked vs. randomly placed/isolated) may be ascertained. Such information is necessary to more accurately estimate the number of drums present, such that an appropriate remedial plan can be developed.

The remedial plan for the project should be based upon the proposed end-use for the site. Although this study is limited to the R-O-W, it is our understanding that utility lines along this area will potentially service adjacent properties that are planned for residential redevelopment. Utility corridors could provide artificial conduits for contaminant migration. Future pre-remedial investigation should adequately quantify soil and groundwater conditions, to ensure that the project does not create an unacceptable health risk to construction workers (i.e., during sewer line completion) and/or potential occupants/visitors (i.e., end-users) at properties along the R-O-W. Any "construction spoils" (potentially

distinct from remedial-generated wastes) to be generated from the construction of Herron Avenue (and completion of its associated utility corridor) should be adequately characterized to facilitate the appropriate and efficient management of such materials.

APPENDICES

FIGURES

Figure 1 - Area of Study Map

Figure 2 - Site Location Map

APPENDIX A

Hamilton County Atlas Maps

APPENDIX B

Sanborn Fire Insurance Maps

APPENDIX C

Aerial Photographs

APPENDIX D

Topographic Maps and Surveys

APPENDIX E

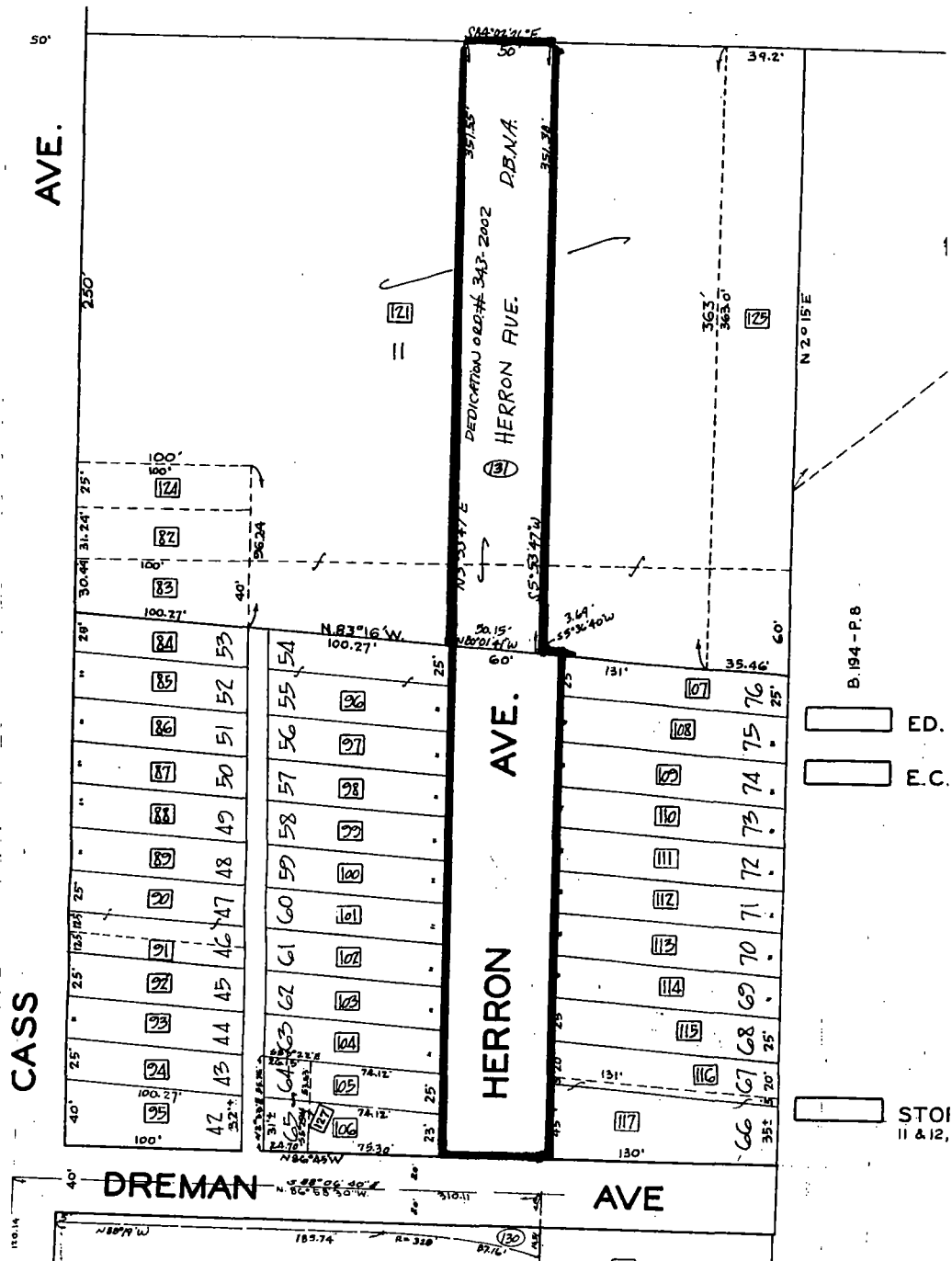
Property Transfer Records

APPENDIX F

Geophysical Investigation Report (Mundell & Associates, Inc.)

FIGURES

7 PTS. 11 & 12, E.C.ROLL'S



Source: Hamilton County Tax Assessor's Office.



AREA OF STUDY
Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

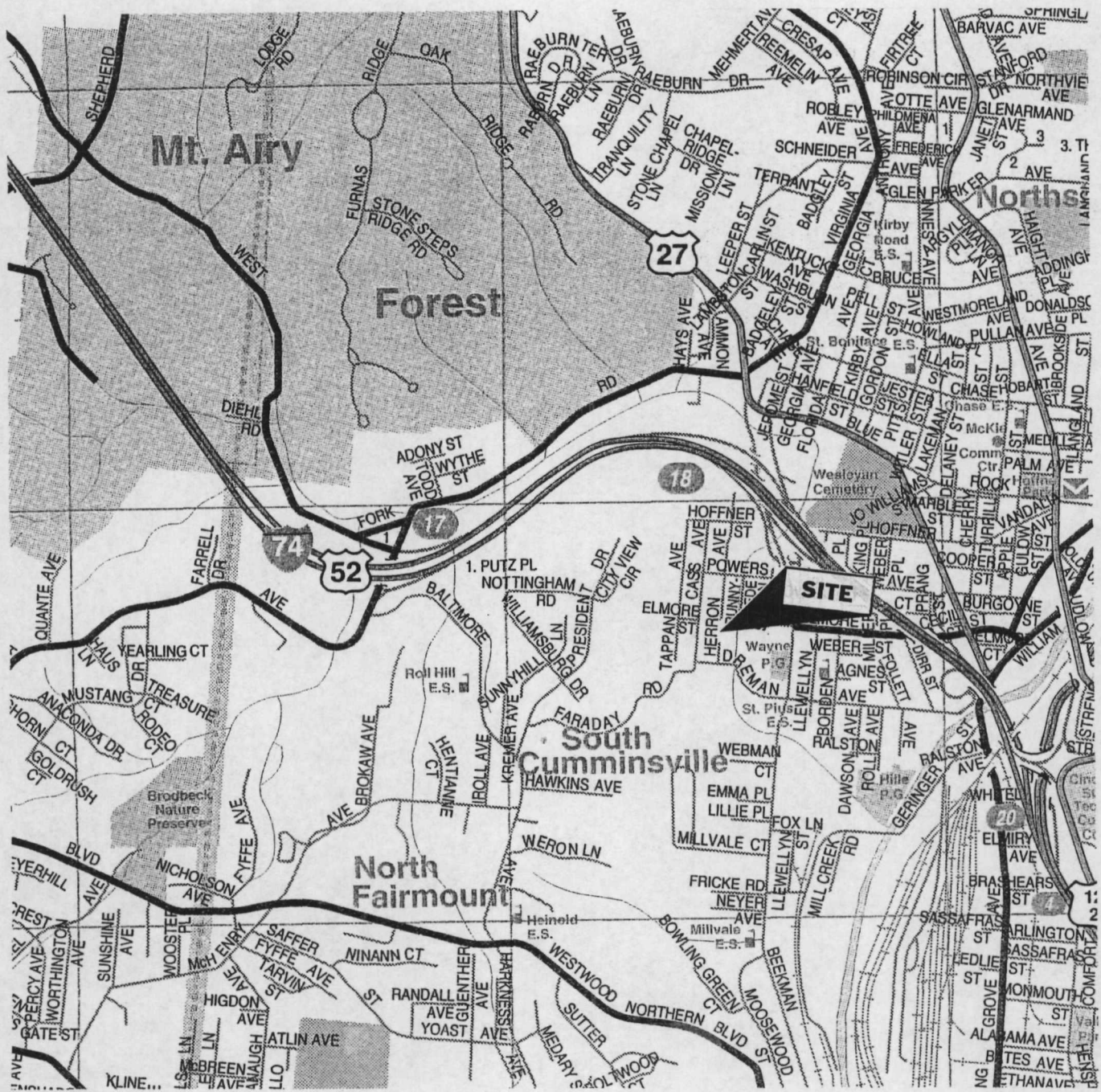
DRAWN BY:
JR

REVIEWED BY:

SCALE:
1 in.=100 ft.

Figure 1





Source: UniversalMap, Hamilton County, Ohio Highway Map



SITE LOCATION MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0282

DATE:
6/2/03

DRAWN BY:
KHB

REVIEWED
BY: MJL

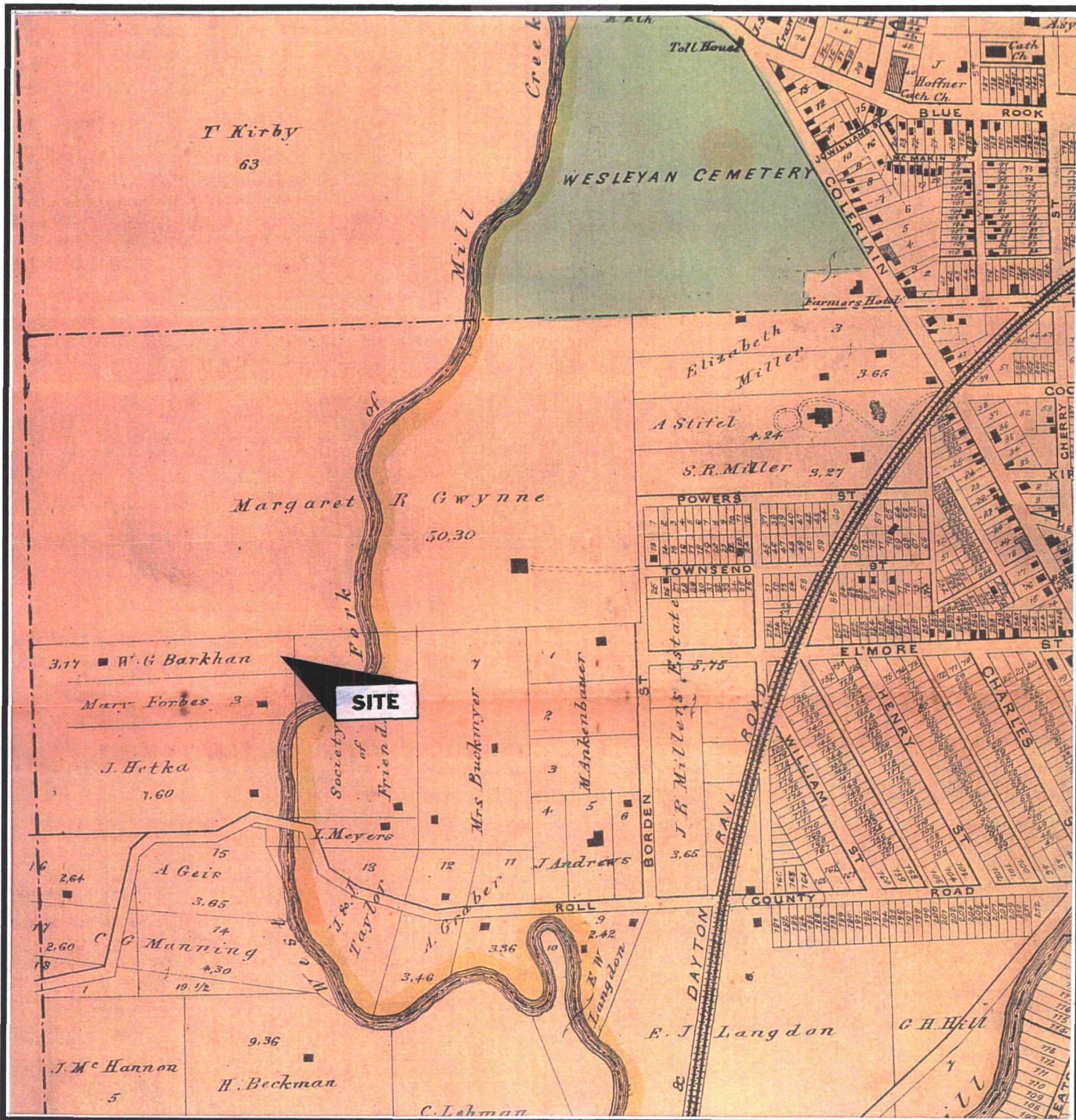
SCALE:
1 in. ~ 1,980 ft

Figure No.:

2



APPENDIX A



Source: Titus, Atlas of Hamilton County – 1869.



ATLAS MAP OF HAMILTON COUNTY –

1869

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

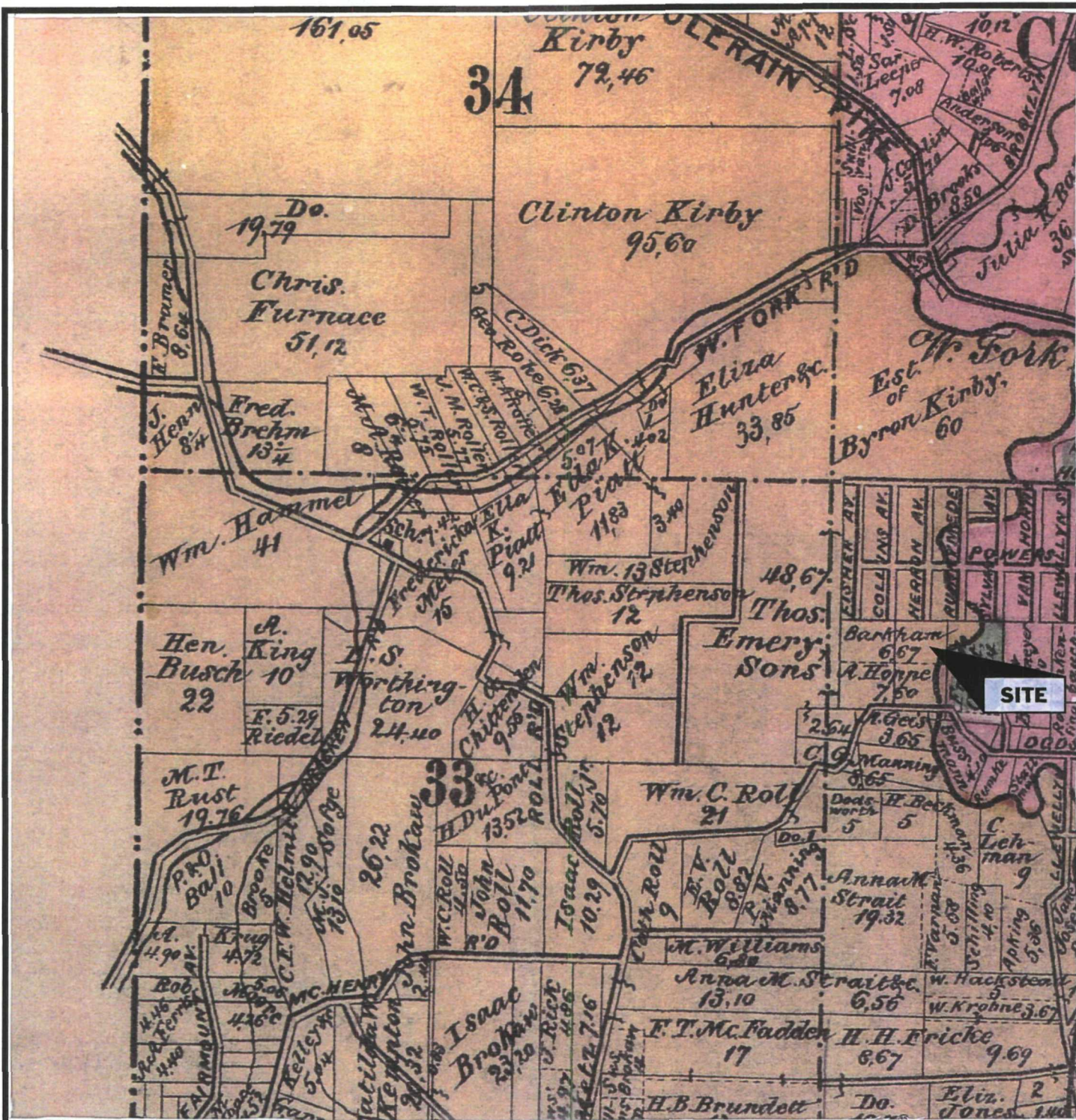
JBW

NTS

Appendix:

A





Source: Moessingers 1884 Map of Hamilton County.



ATLAS MAP OF HAMILTON COUNTY – 1884

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:
[Signature]

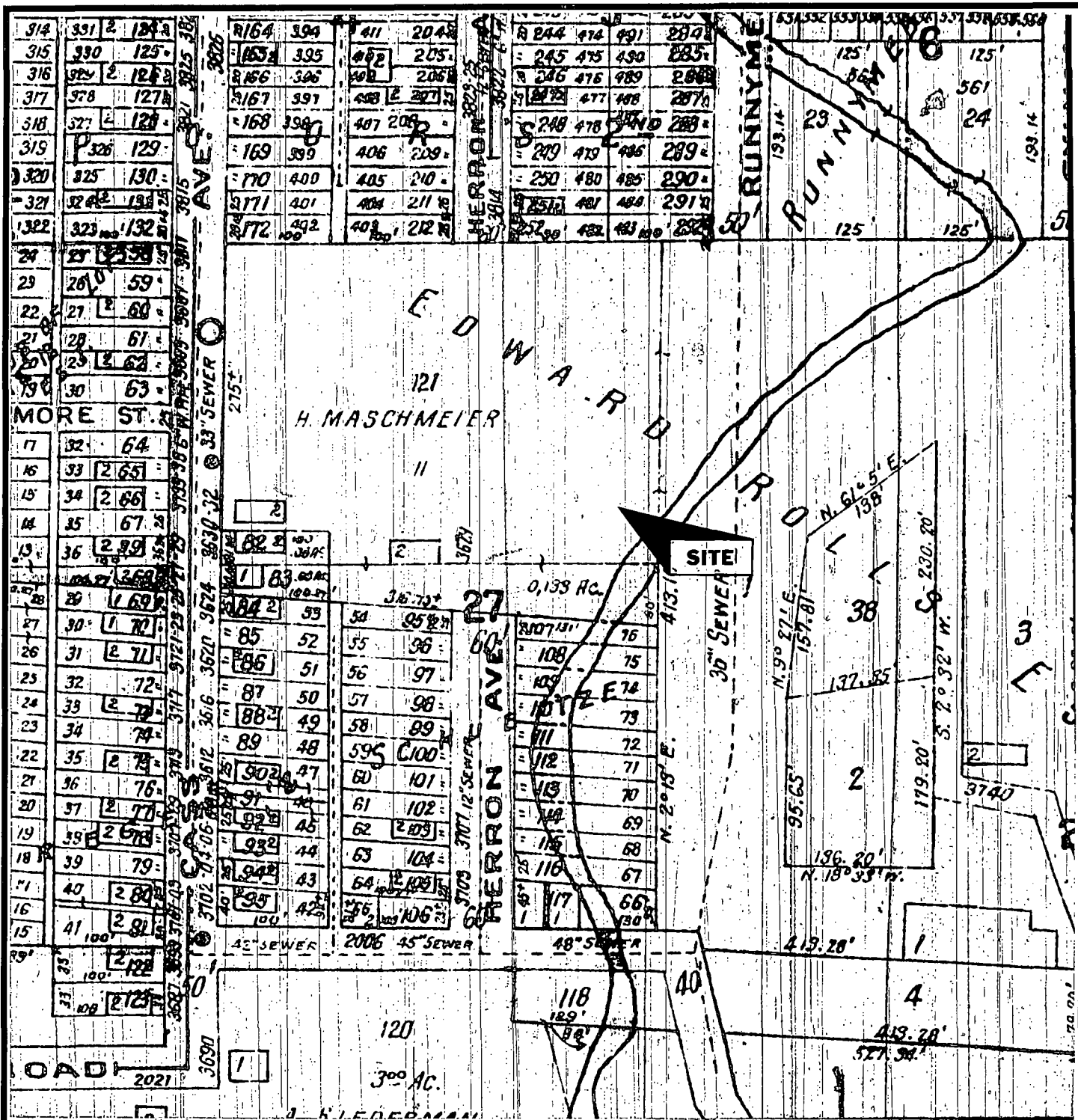
NTS

Appendix:

A



APPENDIX B



Source: Cincinnati/Hamilton County Public Library, Cincinnati, Ohio.



SANBORN MAP - 1922

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

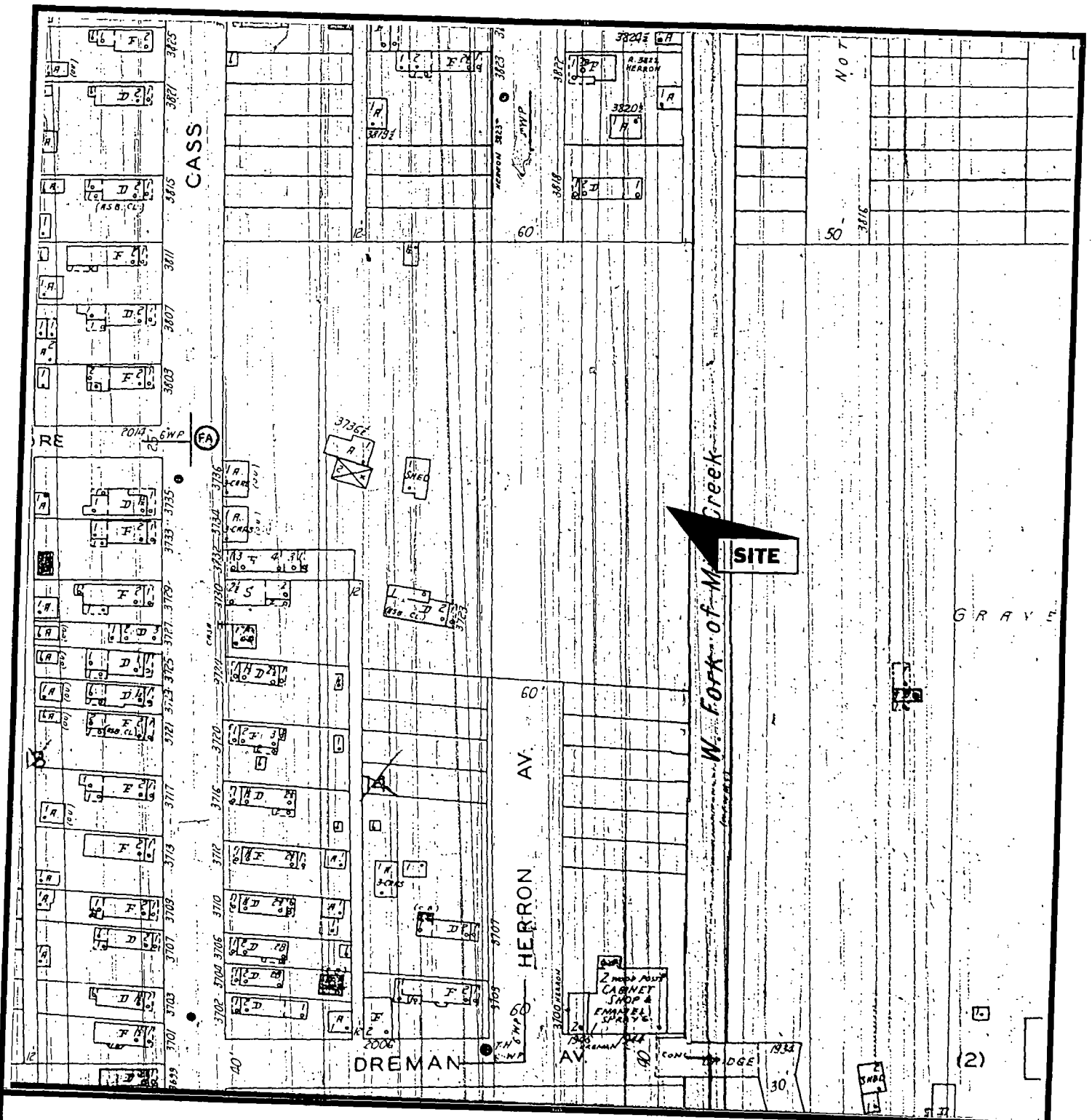
DRAWN BY:
JR

REVIEWED BY:
[Signature]

SCALE:
NTS

Appendix:
B





Source: Cincinnati/Hamilton County Public Library, Cincinnati, Ohio.



SANBORN MAP - 1934-1937

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

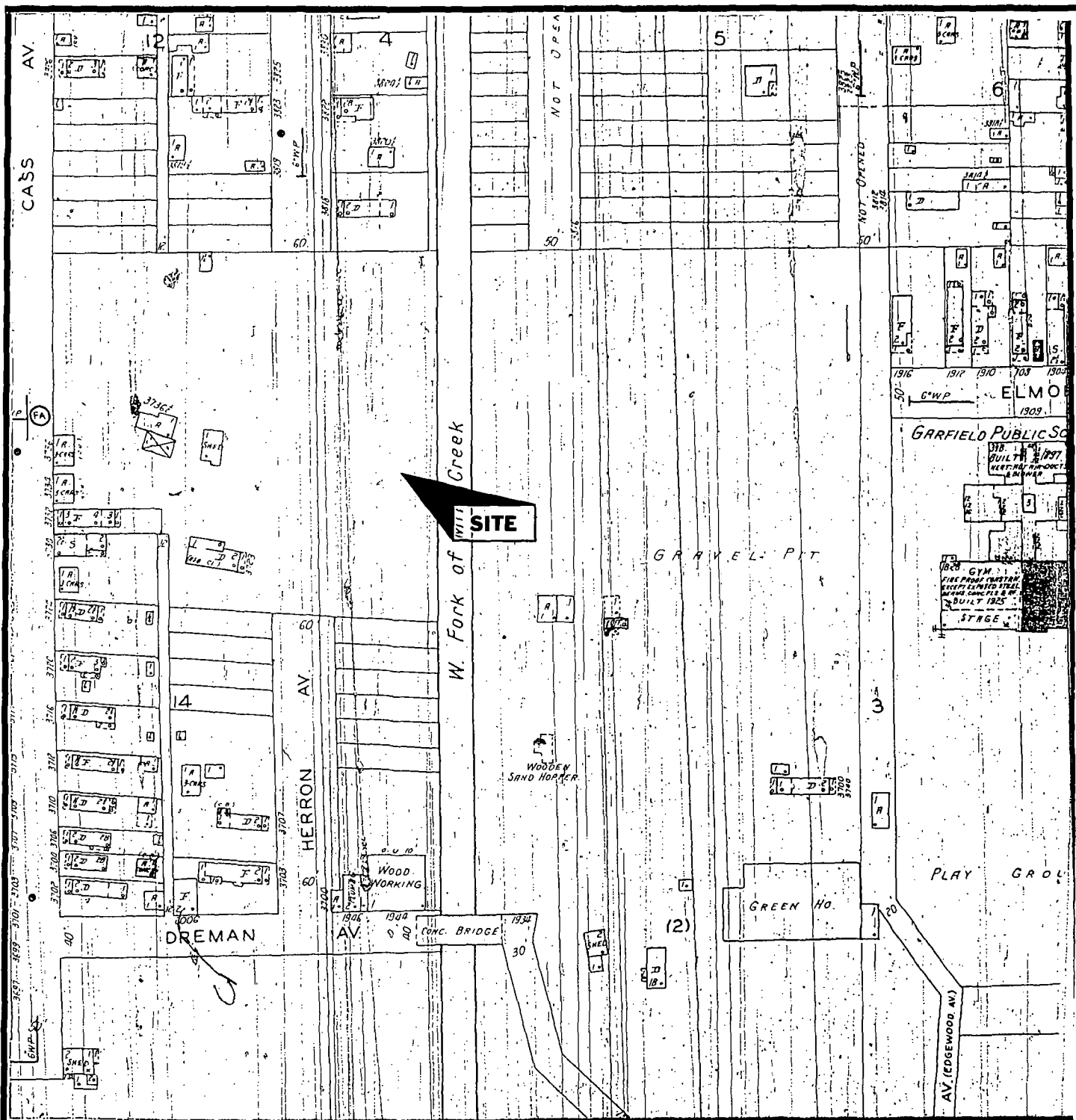
DRAWN BY:
JR

REVIEWED BY:
KON

SCALE:
NTS

Appendix:
B

VATC
ASSOCIATES INC.



Source: Cincinnati/Hamilton County Public Library, Cincinnati, Ohio.



SANBORN MAP - 1937

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

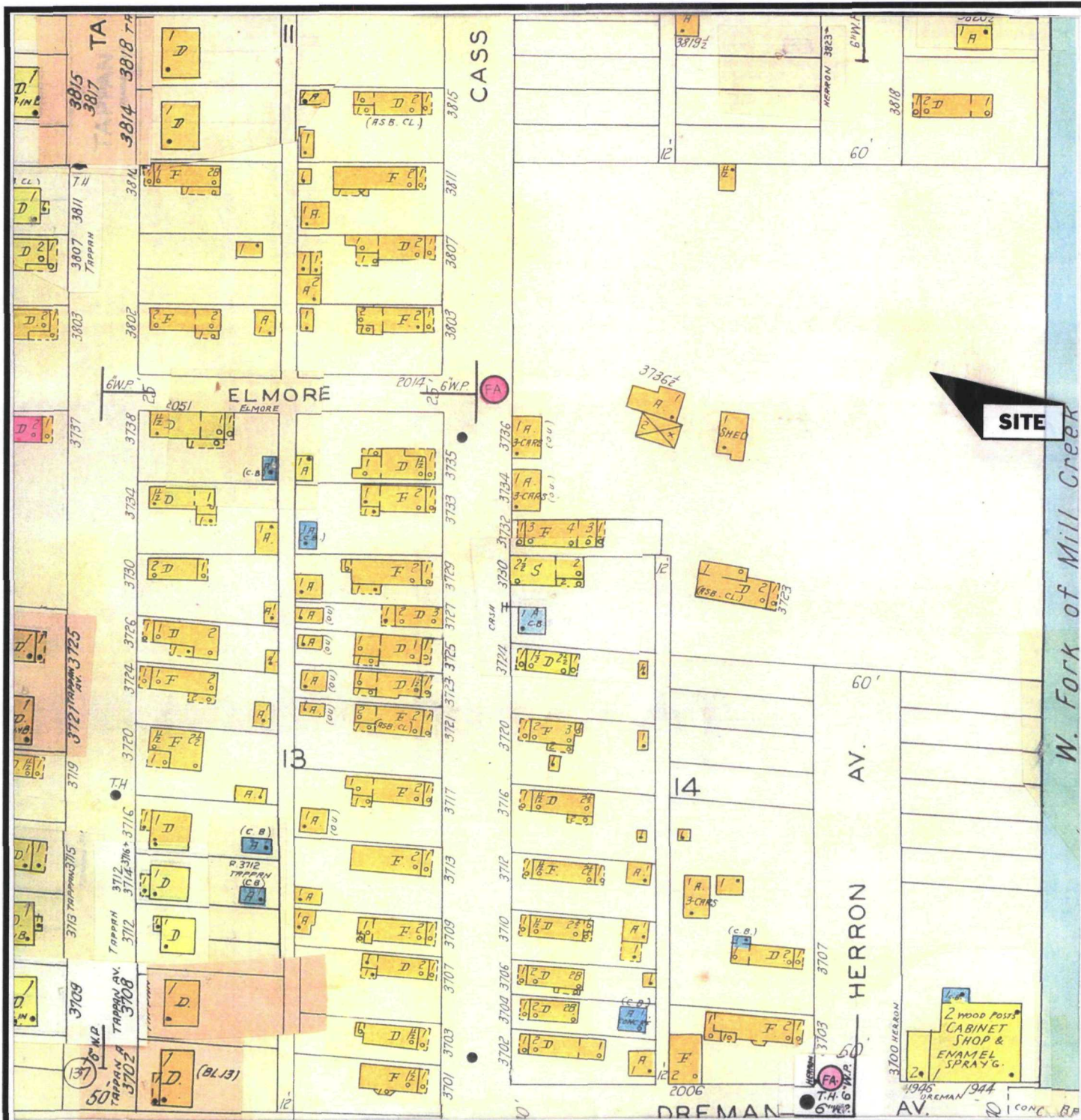
REVIEWED BY:

NTS

Appendix:

B





Source: Cincinnati/Hamilton County Public Library, Cincinnati, Ohio.



SANBORN MAP – 1937-1961

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

SCALE:
NTS

Appendix:

B

VATC
ASSOCIATES INC.

APPENDIX C



Source: Hamilton County Parks Department.



**AERIAL PHOTOGRAPH – 1932 (Compiled
From Late 1920s Flight)**
Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:
[Signature]

SCALE:
1in. ~ 270 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Hamilton County Parks Department.



AERIAL PHOTOGRAPH – 1931

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

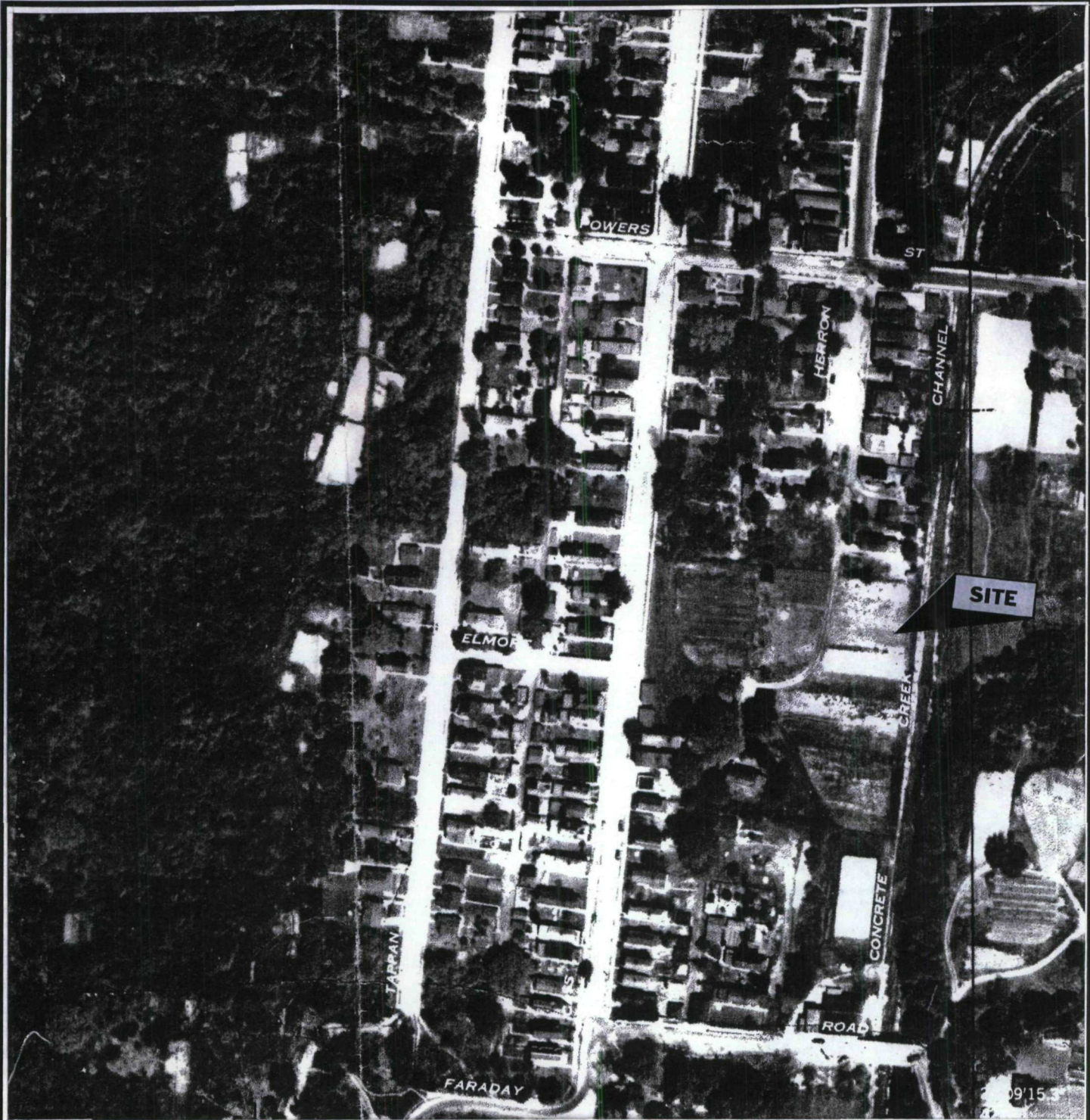
[Signature]

SCALE:
1in. ~ 270 ft.

Appendix:

C





Source: Hamilton County Engineer's Office



AERIAL PHOTOGRAPH-1948

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

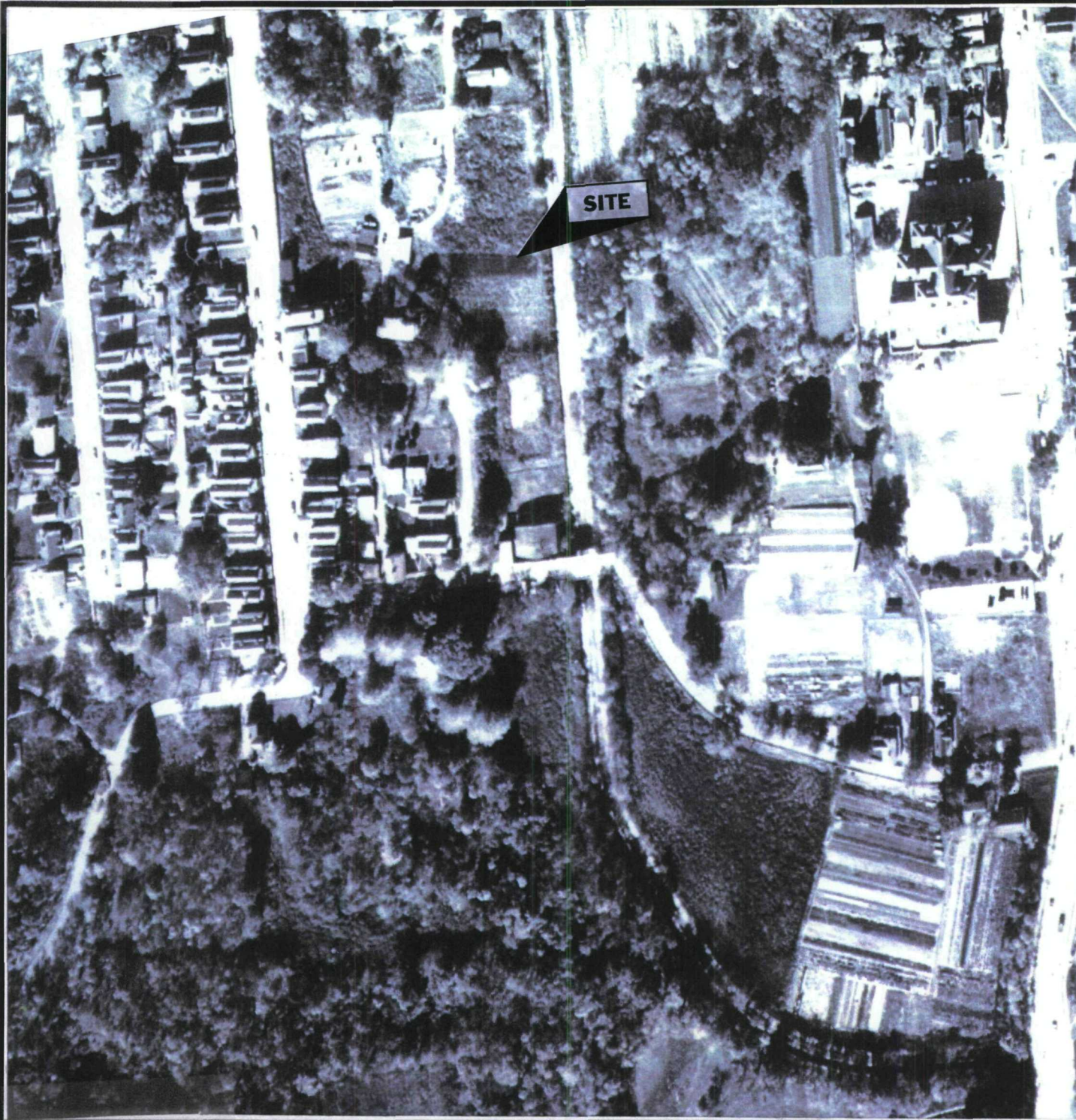
REVIEWED BY:
[Signature]

SCALE:
1in. ~ 200 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1958

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

[Signature]

SCALE:
1in. ~ 250 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1960

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

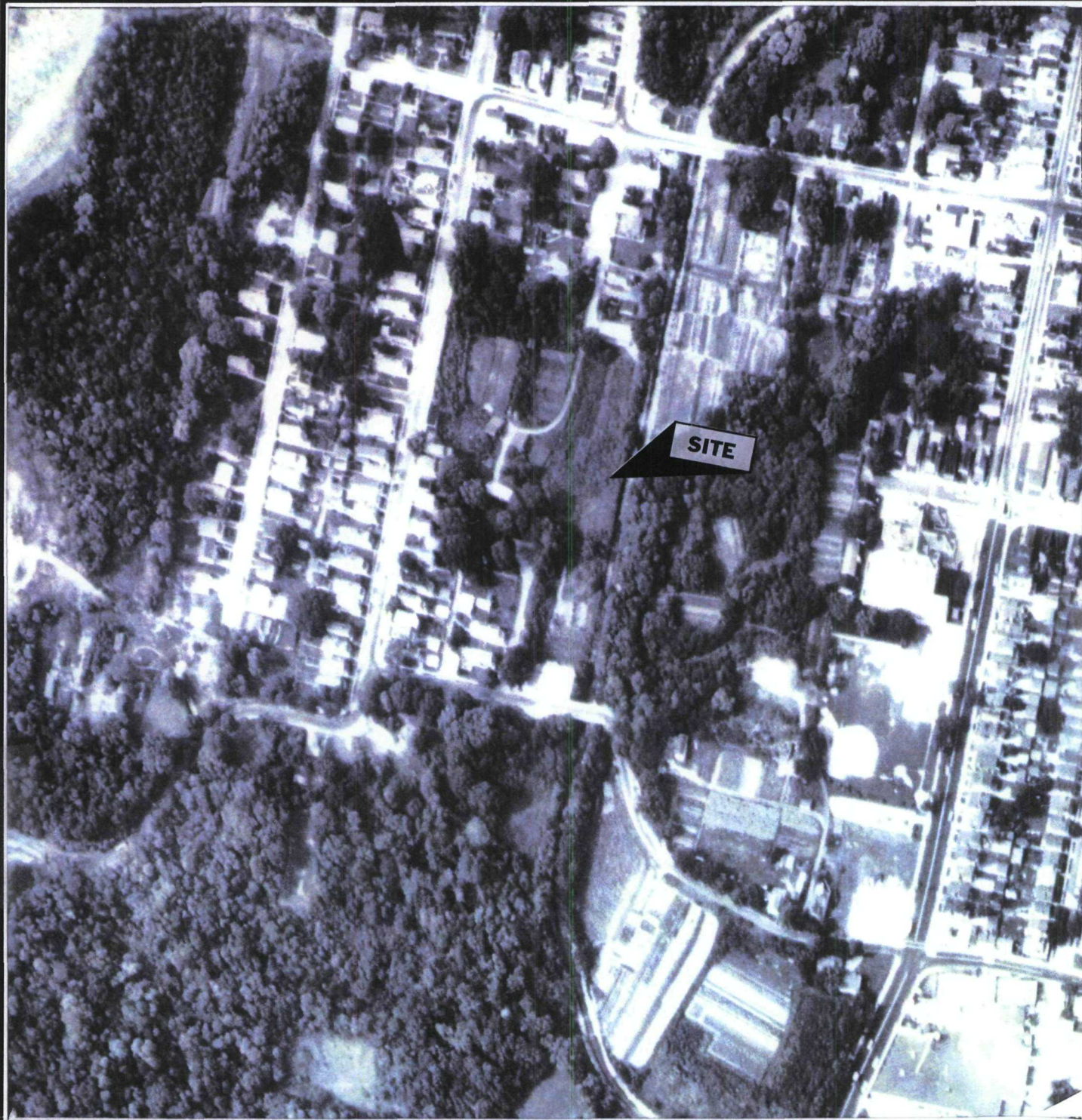
REVIEWED BY:

SCALE:
1in. ~ 250 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1962

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

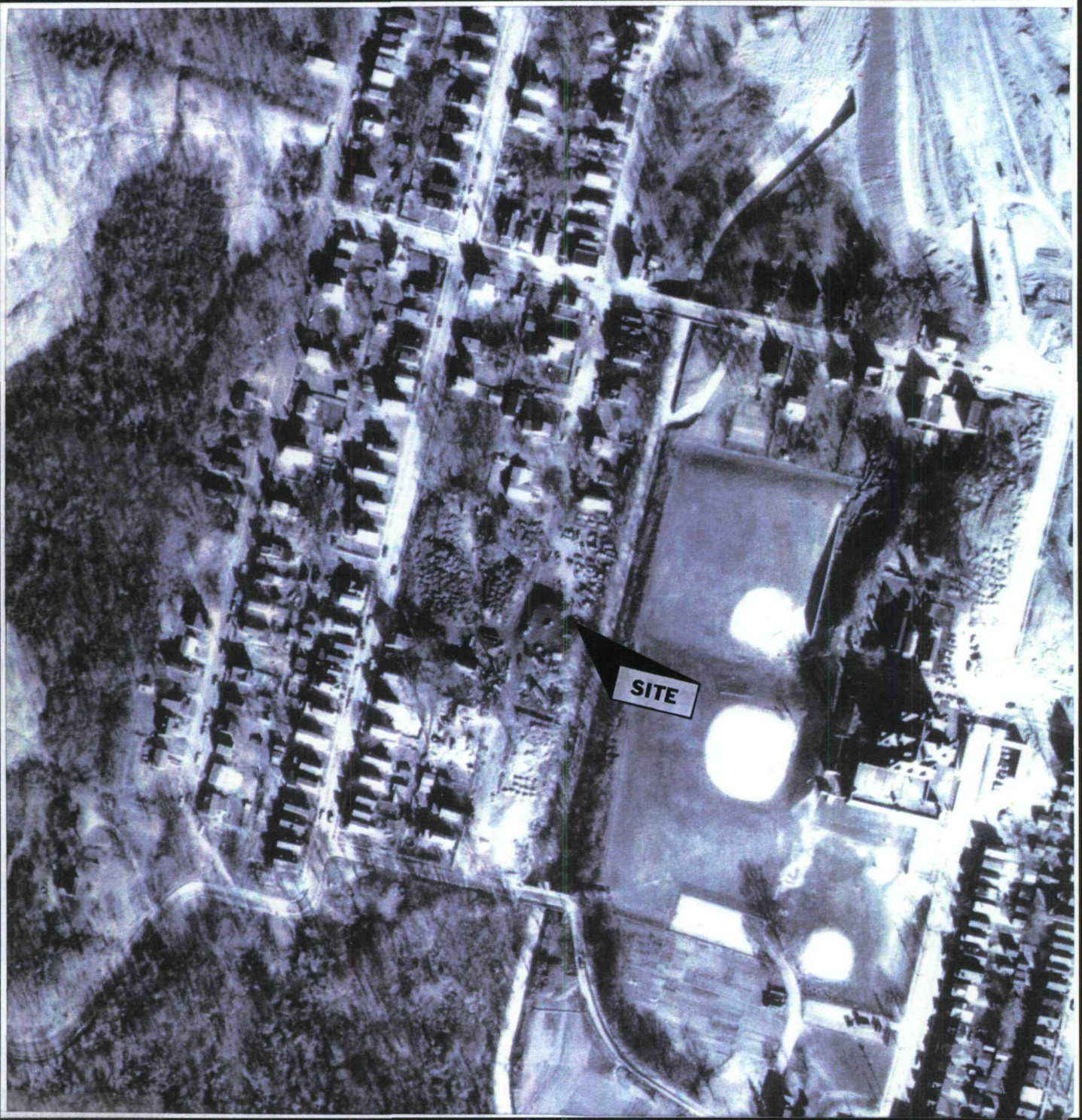
[Signature]

SCALE:
1in. ~ 250 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1973

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

SCALE:
1in. ~ 250 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Hamilton County Natural Resource Conservation District



AERIAL PHOTOGRAPH- 1975

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

[Signature]

SCALE:
1in. ~ 330 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Hamilton County Natural Resource Conservation District



AERIAL PHOTOGRAPH- 1977

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

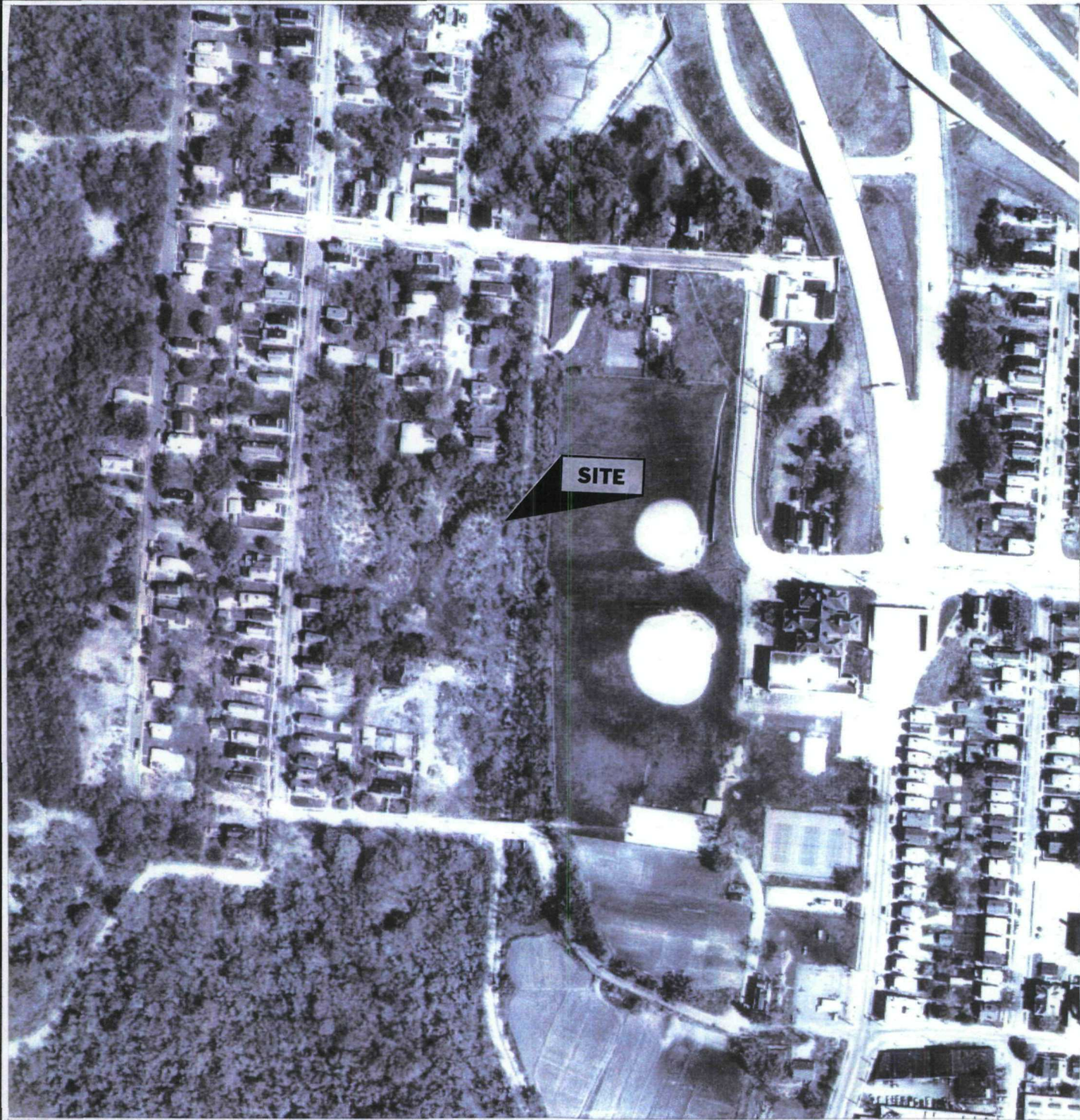
REVIEWED BY:

SCALE:
1in. ~ 330 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1981

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

[Signature]

SCALE:
1in. ~ 260 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1986
 Herron Avenue Project
 Cincinnati, Ohio

PROJECT NO.:
 72.05876.0283

DATE:
 5-8-03

DRAWN BY:
 JR

REVIEWED BY:

[Signature]

SCALE:
 1in. ~ 130 ft.

Appendix:
 C

VATC
 ASSOCIATES INC.



Source: Hamilton County Engineer's Office.



AERIAL PHOTOGRAPH – 1989

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:
[Signature]

SCALE:
1in. ~ 440 ft.

Appendix:

C

VATC
ASSOCIATES INC.



Source: Ohio Department of Transportation.



AERIAL PHOTOGRAPH – 1993

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

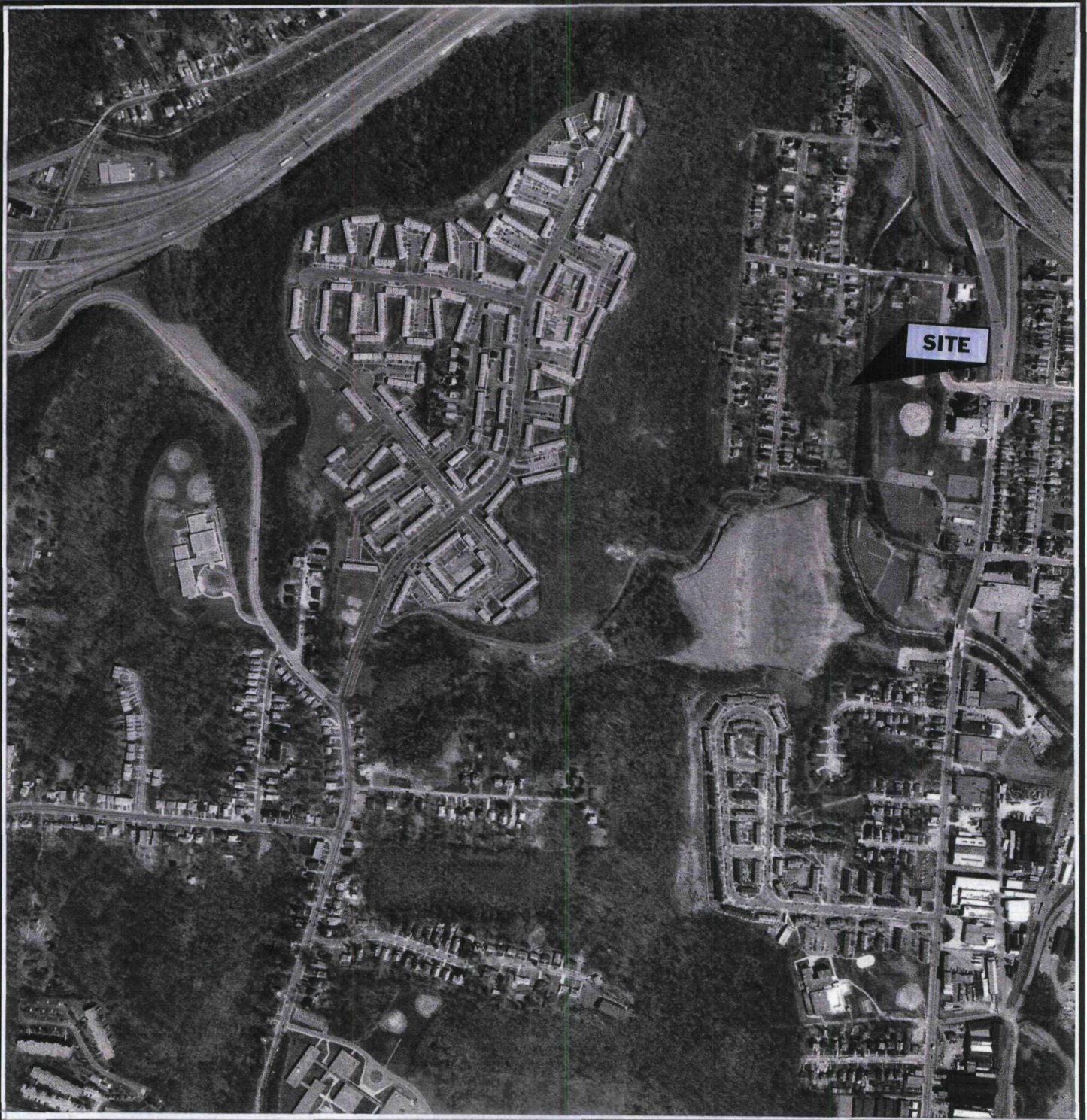
REVIEWED BY:
KBN

SCALE:
1in. ~ 260 ft.

Appendix:

C





Source: Hamilton County Engineer's Office.



AERIAL PHOTOGRAPH – 1996
 Herron Avenue Project
 Cincinnati, Ohio

PROJECT NO.:
 72.05876.0283

DATE:
 5-8-03

DRAWN BY:
 JR

REVIEWED BY:

[Signature]

SCALE:
 1in. ~ 660 ft.

Appendix:

C

VATC
 ASSOCIATES INC.



Source: Hamilton County Engineer's Office.



AERIAL PHOTOGRAPH – 2001

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

LBW

SCALE:
1in. ~ 110 ft.

Appendix:

C

VATC
ASSOCIATES INC.

APPENDIX D



Source: United States Geological Survey 7.5 Minute Topographic Map of Cincinnati West, Ohio Quadrangle (1914).



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

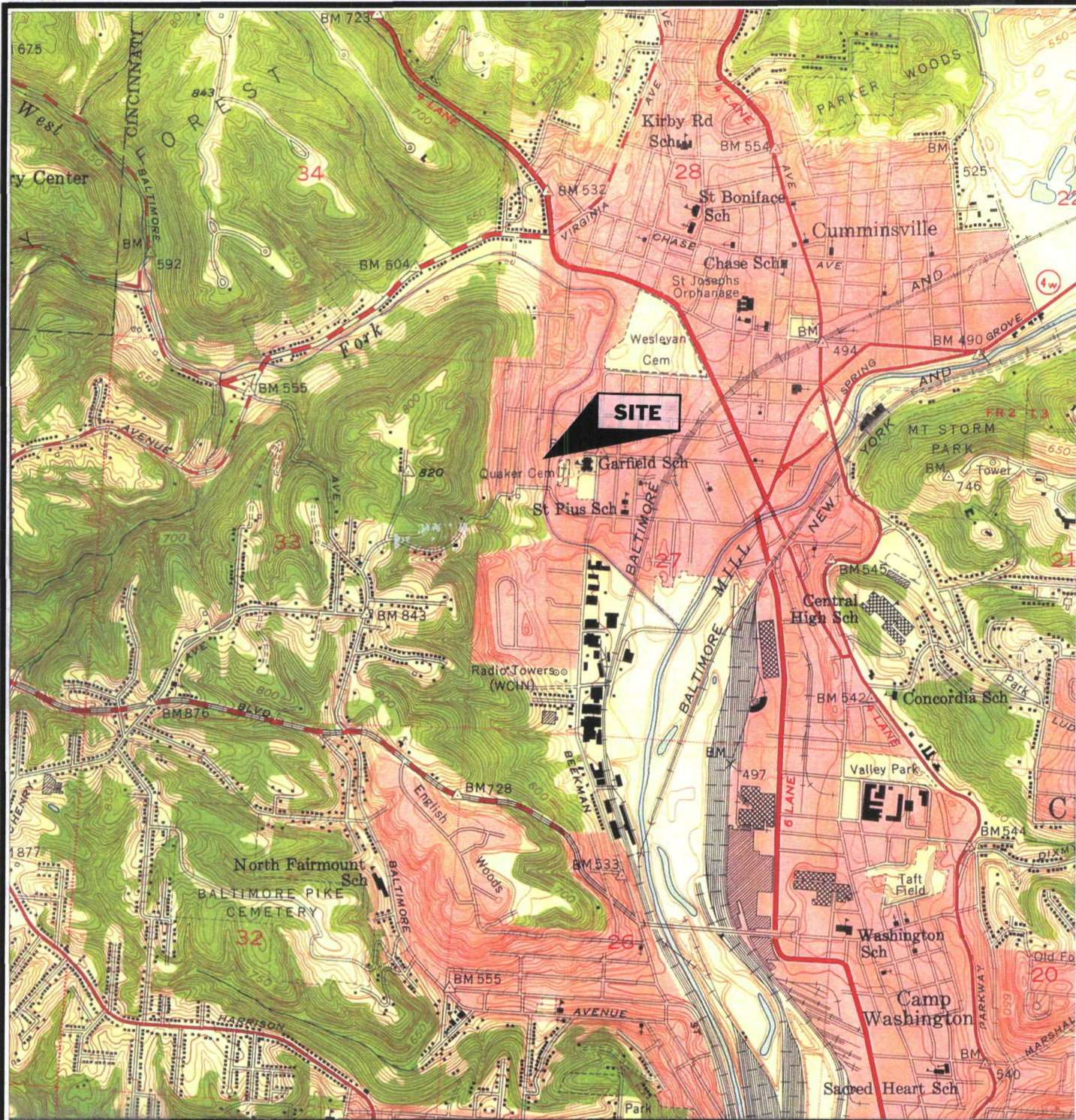
REVIEWED BY:

SCALE:
1 in. = 2,000 ft.

Appendix:

D





Source: United States Geological Survey 7.5 Minute Topographic Map of Cincinnati West, Ohio Quadrangle (1953).



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

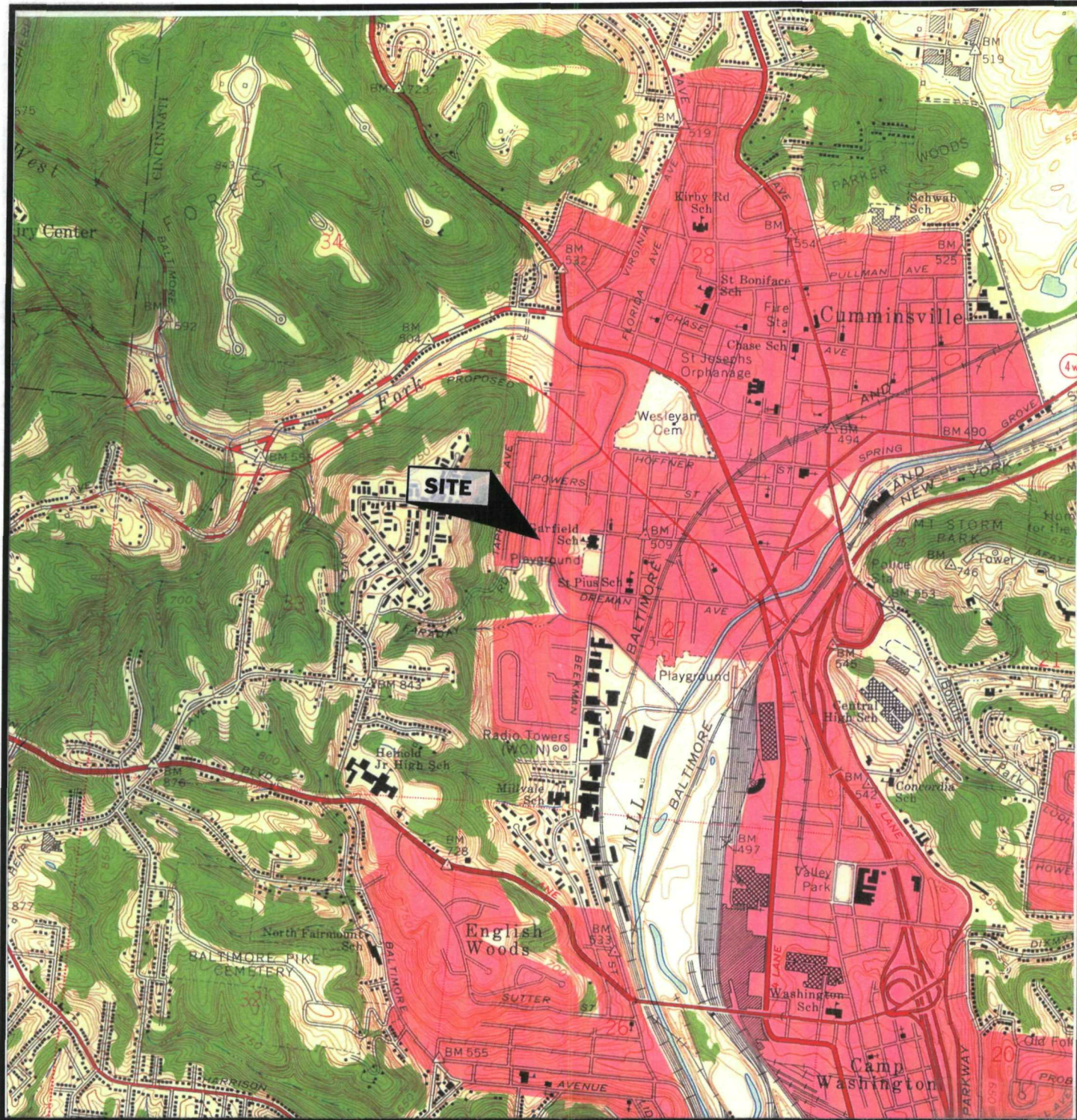
REVIEWED BY:

SCALE:
1 in. = 2,000 ft.

Appendix:

D

VATC
ASSOCIATES INC.



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

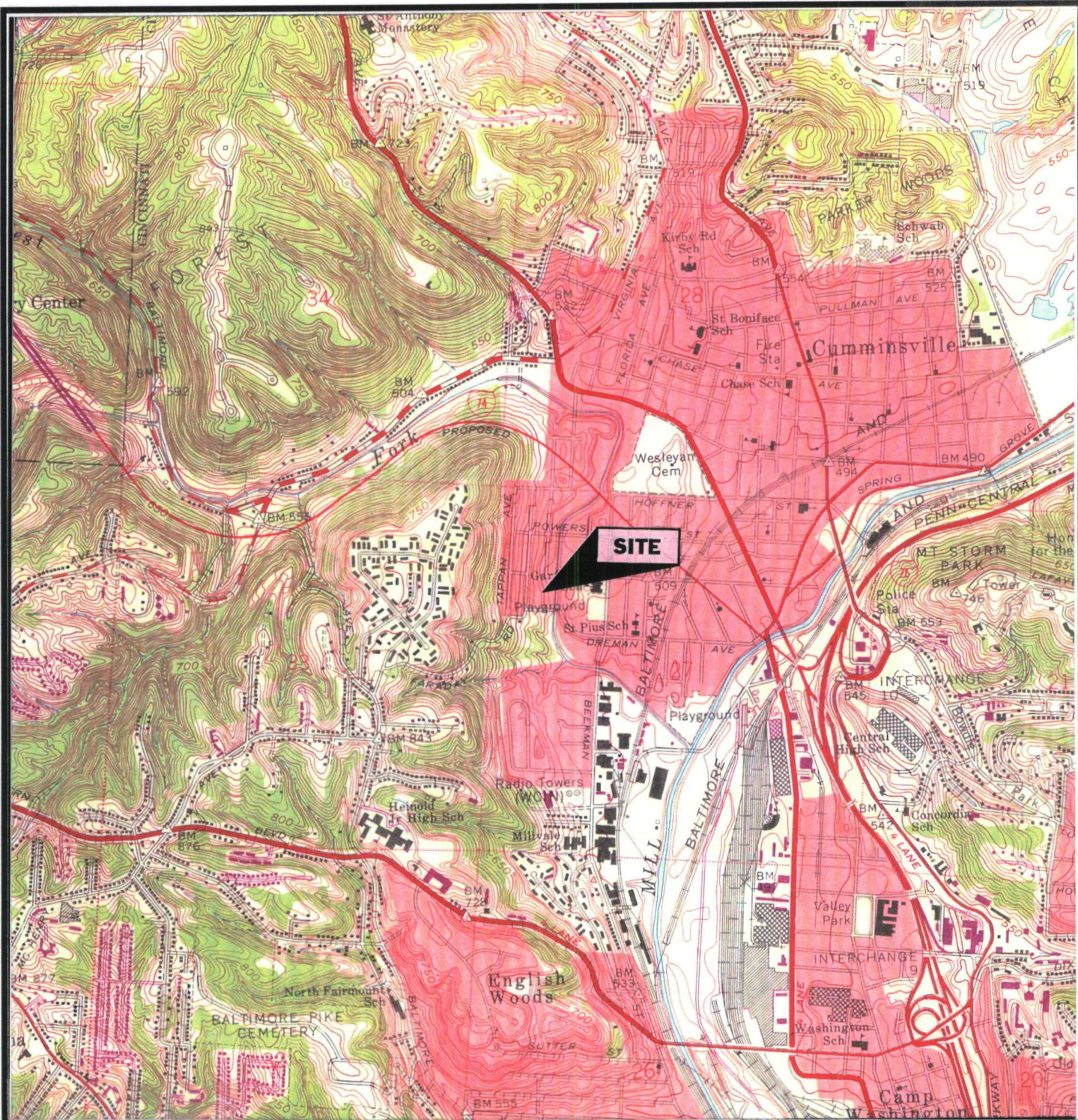
REVIEWED BY:

SCALE:
1 in. = 2,000 ft.

Appendix:

D





Source: United States Geological Survey 7.5 Minute Topographic Map of Cincinnati West, Ohio Quadrangle (1961, photorevised 1970).



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

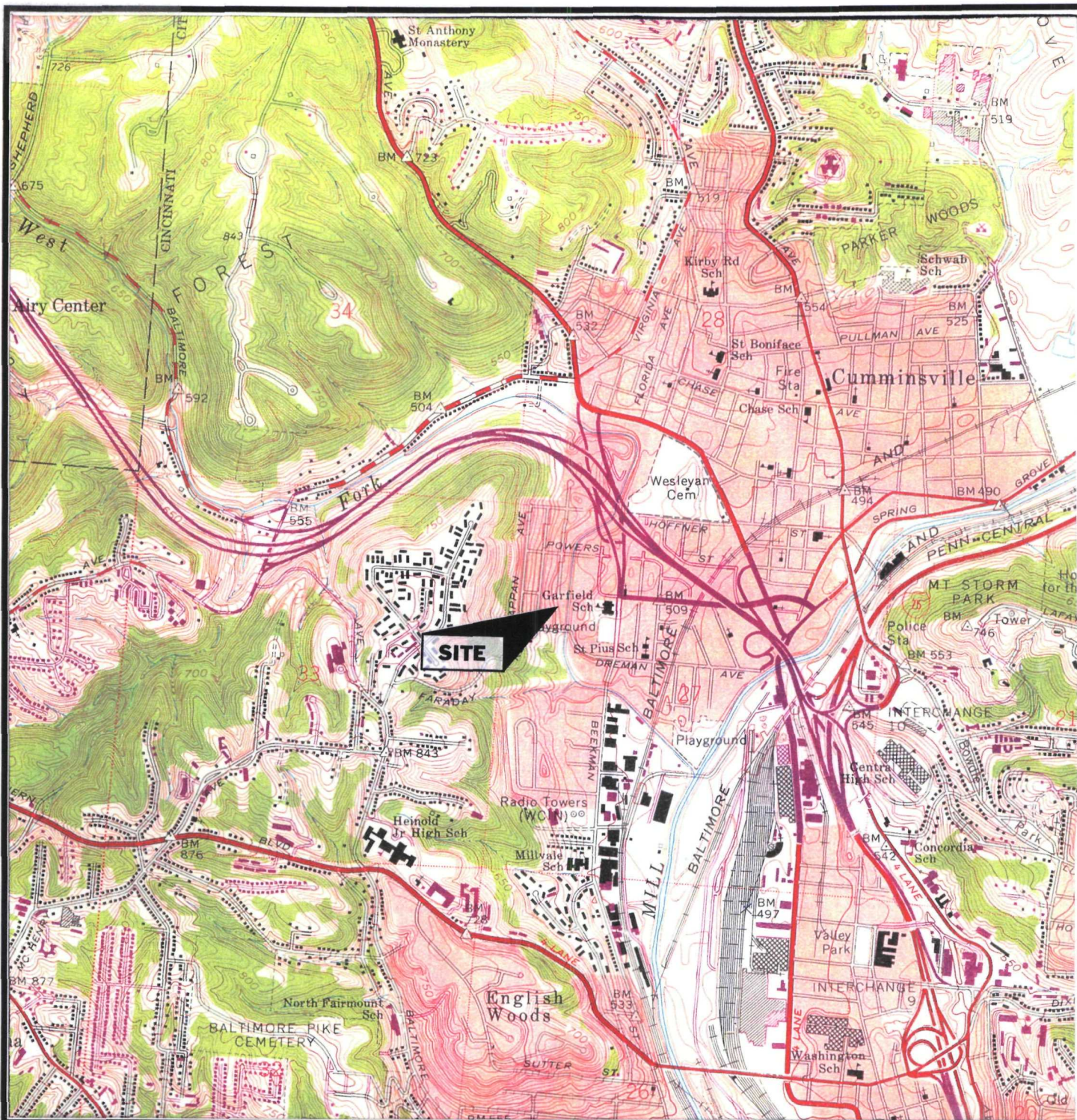
DRAWN BY:
JR

REVIEWED BY:
[Signature]

SCALE:
1 in. = 2,000 ft.

Appendix:
D





Source: United States Geological Survey 7.5 Minute Topographic Map of Cincinnati West, Ohio Quadrangle (1961, photorevised 1975).



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

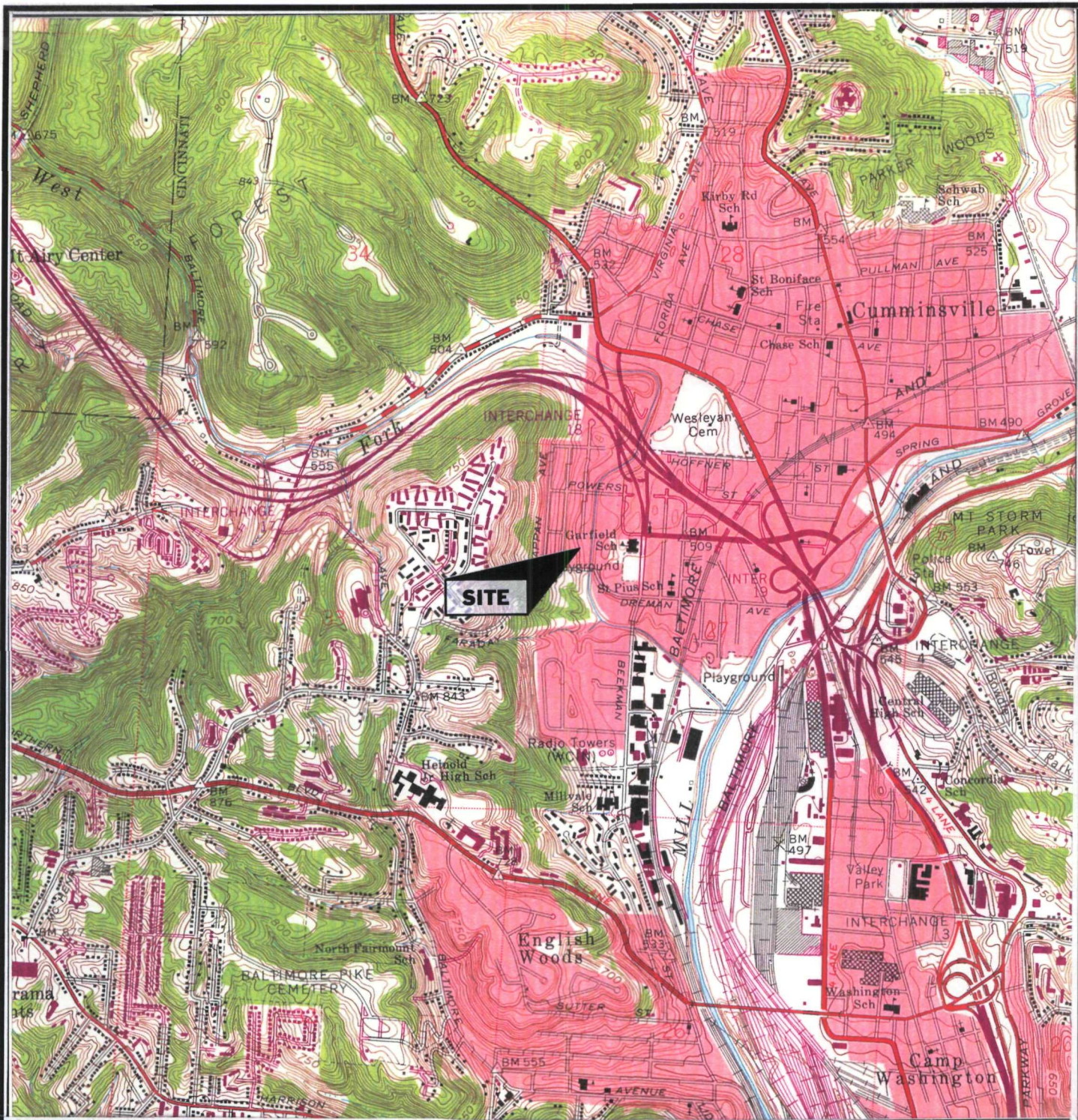
ABN

SCALE:
1 in. = 2,000 ft.

Appendix:

D

VATC
ASSOCIATES INC.



Source: United States Geological Survey 7.5 Minute Topographic Map of Cincinnati West, Ohio Quadrangle (1961, photorevised 1981).



HISTORICAL TOPOGRAPHIC MAP

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

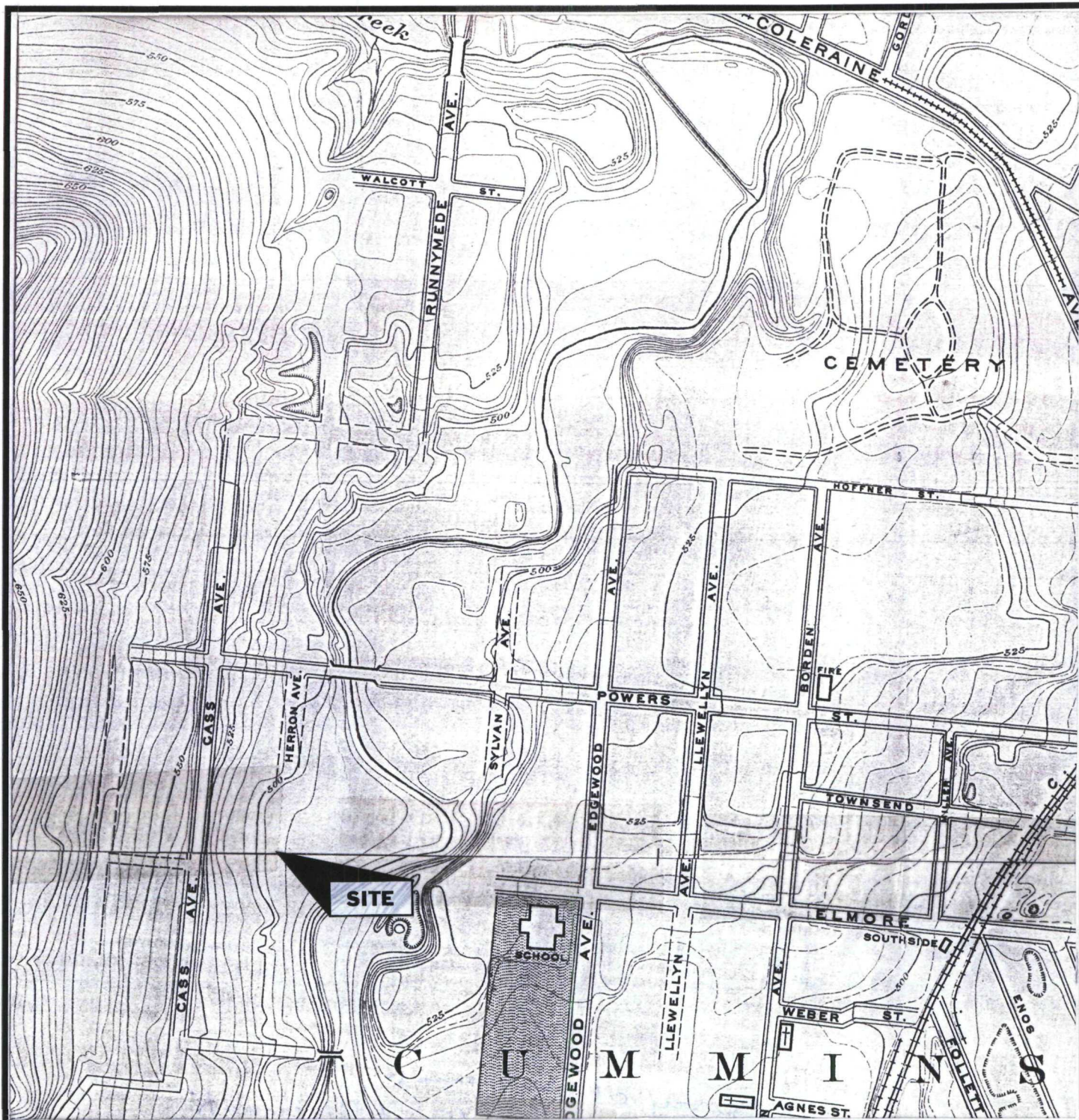
DRAWN BY:
JR

REVIEWED BY:
[Signature]

SCALE:
1 in. = 2,000 ft.

Appendix:
D

VATC
ASSOCIATES INC.



Provided By: Mr. Jack Wachter with the City of Cincinnati.



**HISTORICAL TOPOGRAPHIC SURVEY OF
CINICINNATI – 1912**
Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

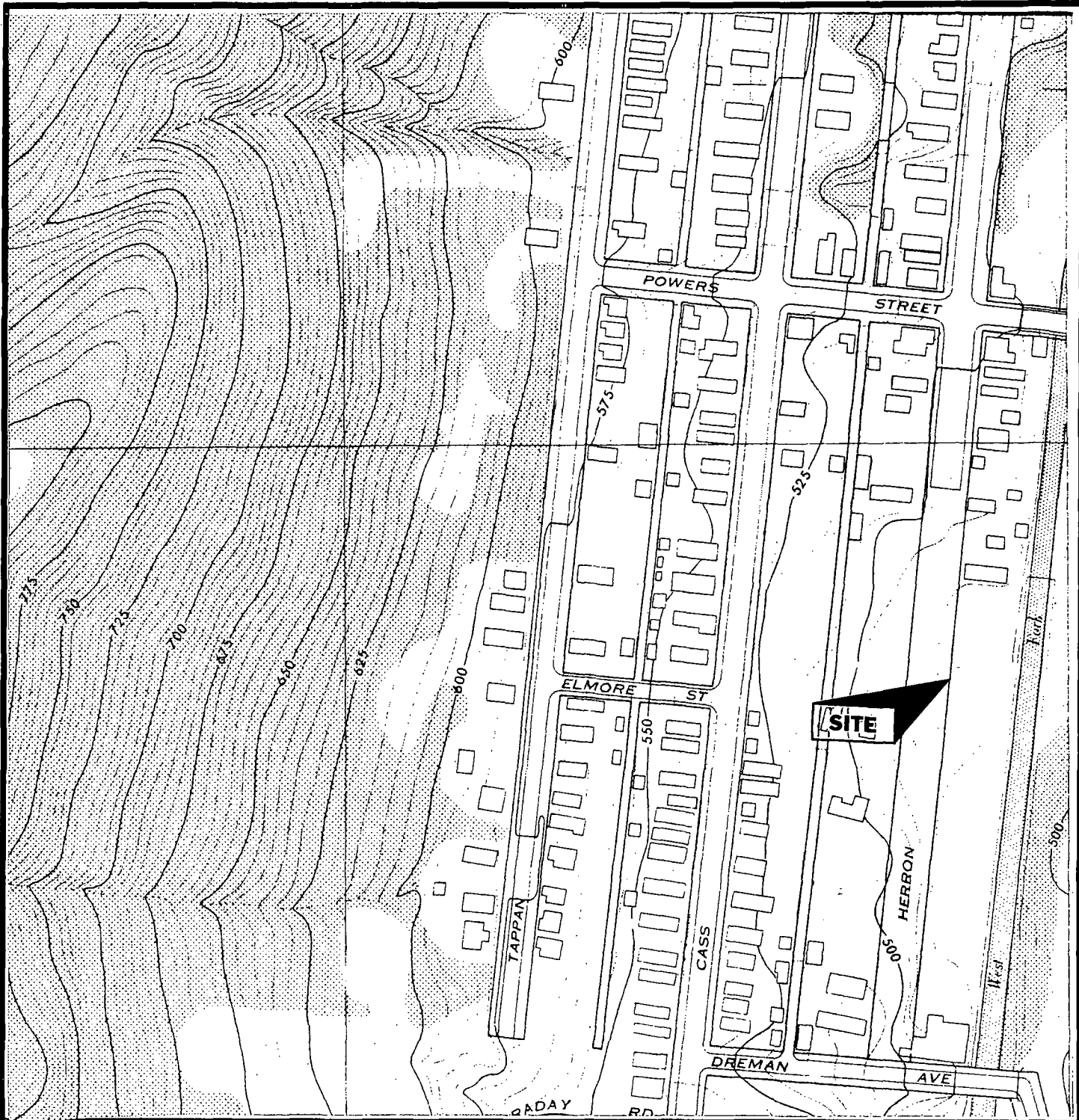
REVIEWED BY:

SCALE:
1 in. = 400 ft.

Appendix:

D

VATC
ASSOCIATES INC.



Source: Hamilton County Engineer's Office.



**THE CITY OF CINCINNATI AND
HAMILTON COUNTY METROPOLITAN
TOPOGRAPHIC SURVEY MAP - 1952**

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-9-03

DRAWN BY:
JR

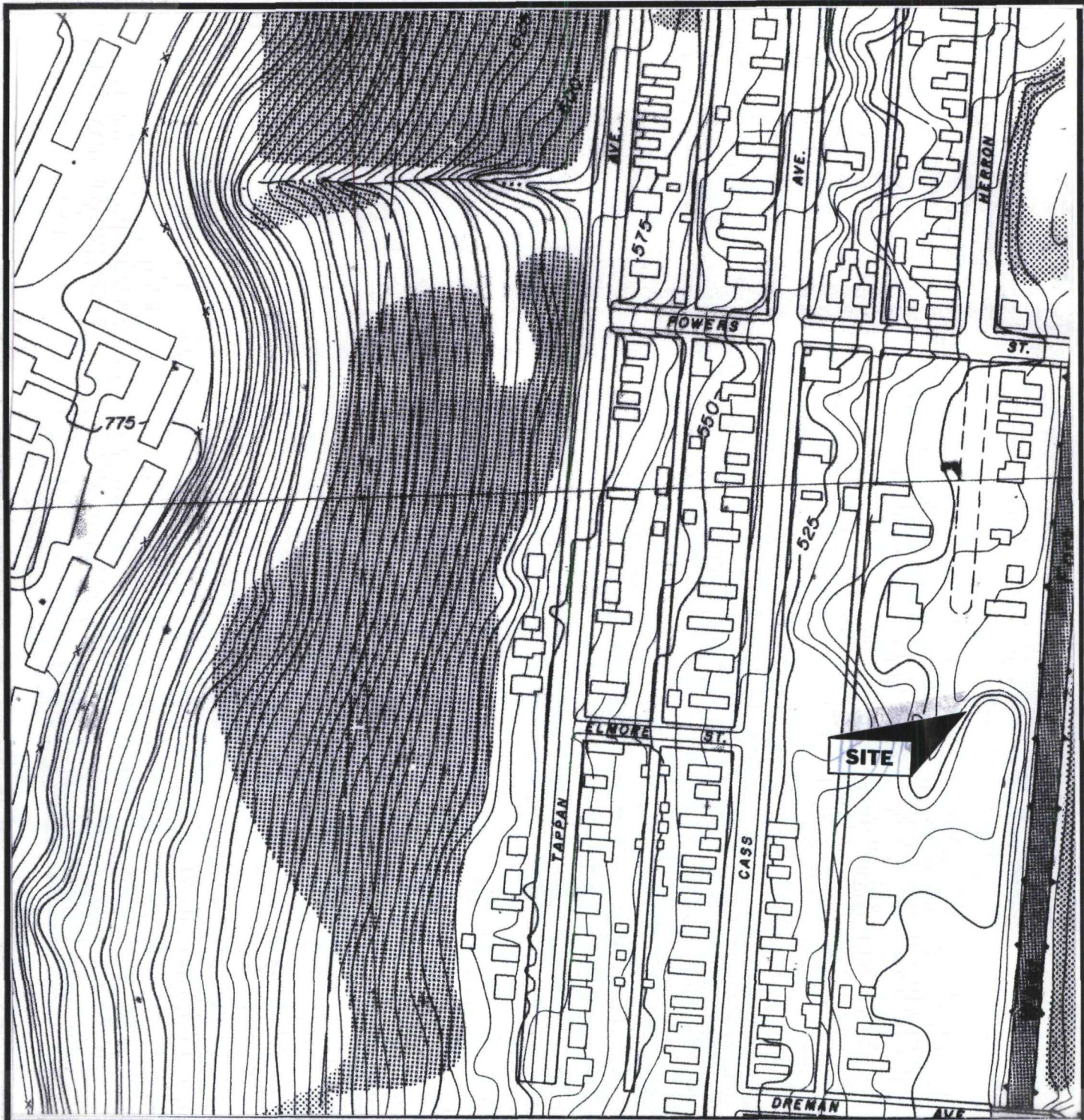
REVIEWED BY:

SCALE:
1in. ~ 200 ft.

Appendix:

D





Source: Hamilton County Engineer's Office.



**THE CITY OF CINCINNATI AND
HAMILTON COUNTY METROPOLITAN
TOPOGRAPHIC SURVEY MAP - 1975**

Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

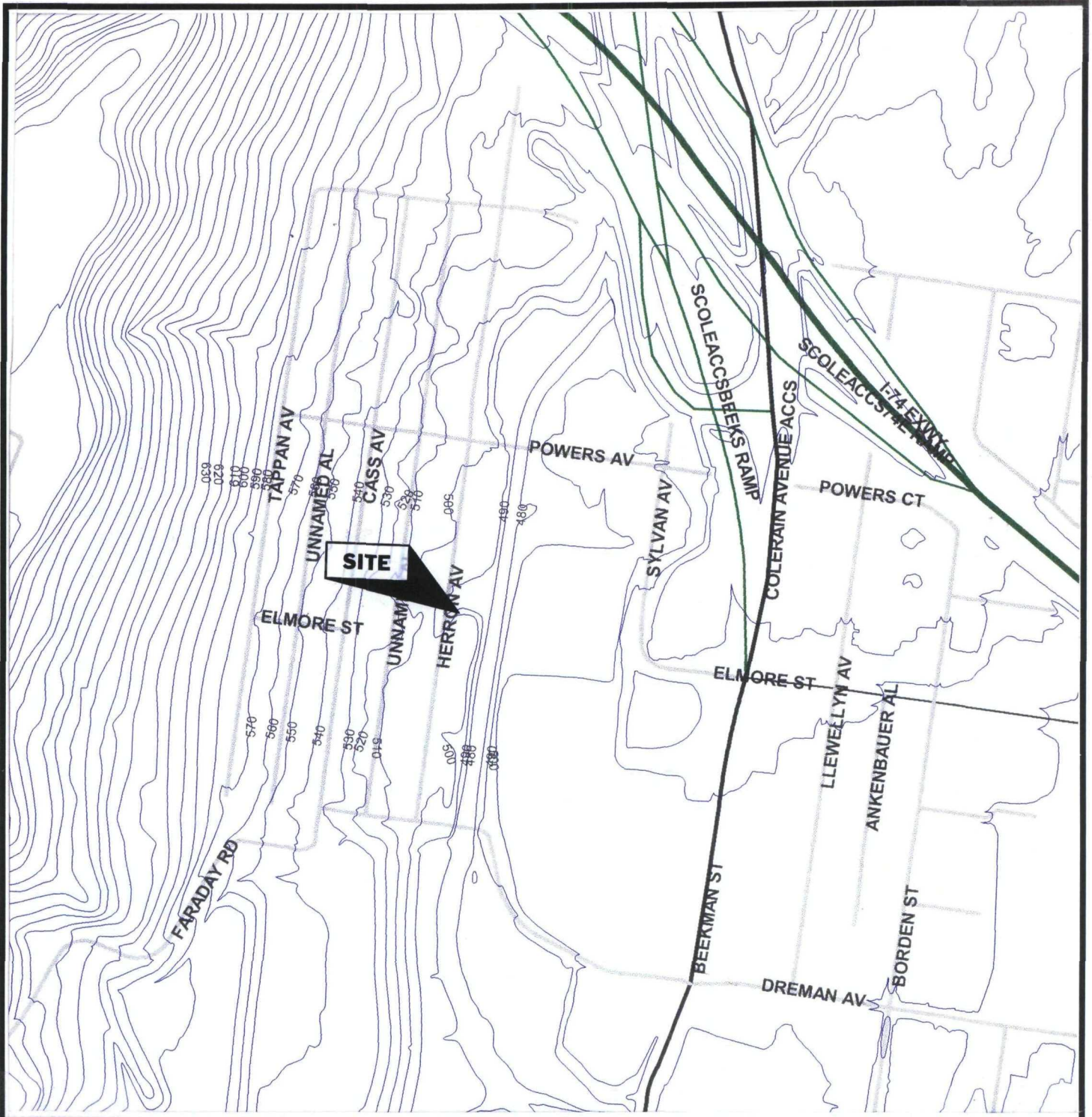
DRAWN BY:
JR

REVIEWED BY:

SCALE:
1in. ~ 200 ft.

Appendix:
D

VATC
ASSOCIATES INC.



Source: Mr. Jack Wachter with the City of Cincinnati



**CAGIS MAP-2002 (Contours Based on
2001 Aerial Photography)**
Herron Avenue Project
Cincinnati, Ohio

PROJECT NO.:
72.05876.0283

DATE:
5-8-03

DRAWN BY:
JR

REVIEWED BY:

SCALE:
1in. ~ 400 ft.

Appendix:

D

VATC
ASSOCIATES INC.

APPENDIX E



Dusty Rhodes, Hamilton County Auditor

Transfer

Parcel ID
1 of 1

Parcel Info

Summary
Residential
Levy Info
Improvements
Commercial
Similar Sales
Transfer

- Printable Tab
Value History
Payments
Image
Map
Property Report

| Parcel ID | Address | Index Order | Card(s) |
|------------------|-----------|-------------|---------|
| 192-0065-0131-00 | HERRON AV | Parcel ID | 1 |

Transfer History

| Deed Book Page | Sale Price | Sale Date | Previous Owner | Current Owner |
|----------------|------------|-----------|--------------------|--------------------|
| | \$0 | 11/14/02 | CINCINNATI CITY OF | CINCINNATI CITY OF |

Legal disclaimer / Privacy Statement

Data updated on 05/09/2003

Search By

Parcel ID
Owner
Street Address
Sales
Map

Site Functions

Property Search
On-Line Help
Comments
Home
Auditor's Home

508811 STATEMENT OF REASON FOR EXEMPTION FROM REAL PROPERTY CONVEYANCE FEE
 (Revised 10/20/07) (Please Print Name and Address of Grantor and Grantee)
 Grantor: City of Knoxville Grantee: City of Knoxville
 County: Sevier State: TN Parcel ID: 001-001-002 (If 12-12-12)

FOR COUNTY AUDITOR'S USE ONLY

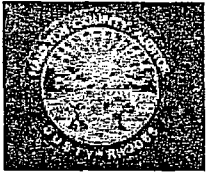
| Parcel ID | County | State | Year | Fee |
|-------------|--------|-------|------|-----|
| 001-001-002 | Sevier | TN | 2007 | 31 |

DATE CODED: 3040
 PROPERTY LOCATED IN: CITY OF KNOXVILLE
 NAME OF THE APPLICANT: SEVIER COUNTY COMMUNITY DEVELOPMENT
 ADDRESS OF THE APPLICANT: 192-0085-0121-00
 DATE OF EXEMPTION: 12/1/07
 EXEMPTION TYPE: SEE MUTATION LOG

GRANTOR OR REPRESENTATIVE MUST COMPLETE ALL QUESTIONS IN THIS SECTION

1. I, John A. Smith, am the Grantor or Representative of the Grantor. (If not, please provide name and address of Grantor or Representative.)
 2. I, John A. Smith, am the Grantee or Representative of the Grantee. (If not, please provide name and address of Grantee or Representative.)
 3. Address of Property: 192-0085-0121-00
 4. GRANTEES (Persons, Firms, or Corporations) (If different from address of property):
CITY OF KNOXVILLE
 5. The Grantor or Representative (If different from address of property):
CITY OF KNOXVILLE
 6. The property (If different from address of property):
CITY OF KNOXVILLE
 7. (a) Is the property (If different from address of property) a residential property? NO
 (b) Is the property (If different from address of property) a commercial property? YES
 (c) Is the property (If different from address of property) a public property? YES
 (d) Is the property (If different from address of property) a religious property? NO
 (e) Is the property (If different from address of property) a charitable property? NO
 (f) Is the property (If different from address of property) a governmental property? YES
 (g) Is the property (If different from address of property) a property of a corporation? NO
 (h) Is the property (If different from address of property) a property of a partnership? NO
 (i) Is the property (If different from address of property) a property of a trust? NO
 (j) Is the property (If different from address of property) a property of an estate? NO
 (k) Is the property (If different from address of property) a property of a decedent? NO
 (l) Is the property (If different from address of property) a property of a testator? NO
 (m) Is the property (If different from address of property) a property of a donor? NO
 (n) Is the property (If different from address of property) a property of a donee? NO
 (o) Is the property (If different from address of property) a property of a grantor? NO
 (p) Is the property (If different from address of property) a property of a grantee? NO
 (q) Is the property (If different from address of property) a property of a lessor? NO
 (r) Is the property (If different from address of property) a property of a lessee? NO
 (s) Is the property (If different from address of property) a property of a mortgagor? NO
 (t) Is the property (If different from address of property) a property of a mortgagee? NO
 (u) Is the property (If different from address of property) a property of a lender? NO
 (v) Is the property (If different from address of property) a property of a borrower? NO
 (w) Is the property (If different from address of property) a property of a creditor? NO
 (x) Is the property (If different from address of property) a property of a debtor? NO
 (y) Is the property (If different from address of property) a property of a plaintiff? NO
 (z) Is the property (If different from address of property) a property of a defendant? NO
 8. The grantor has indicated that the property qualifies for exemption from real property conveyance fee for the following reason(s):
NO
 9. Application for 2007 Exemption (SEE INSTRUCTIONS) failed to comply with applicable provisions of the statute and the application is void. Will the property be granted a partial exemption by reason of partial payment?
NO
 10. I, John A. Smith, declare under penalty of perjury that this statement has been examined by me and to the best of my knowledge and belief is a true and correct statement.

SIGNATURE: John A. Smith DATE: 12/1/07
 TITLE: CITY OF KNOXVILLE OFFICE: SEVIER COUNTY COMMUNITY DEVELOPMENT
 ADDRESS: 192-0085-0121-00



Dusty Rhodes, Hamilton County Auditor

Transfer

Parcel ID
1 of 1

Parcel Info

Summary
Residential
Levy Info
Improvements
Commercial
Similar Sales
Transfer
- Printable Tab
Value History
Payments
Image
Map
Property Report

| Parcel ID | Address | Index Order | Card(s) |
|------------------|--------------|-------------|---------|
| 192-0065-0121-00 | 3740 CASS AV | Parcel ID | 1 |

Transfer History

| Deed Book Page | Sale Price | Sale Date | Previous Owner | Current Owner |
|----------------|------------|-----------|------------------------------|-----------------------------------|
| | \$0 | 11/14/02 | SOUTHCUMMINSVILLE COMMUNI | SOUTHCUMMINSVILLE COMMUNI TY U |
| | \$45,000 | 5/4/00 | Not Responsive | SOUTHCUMMINSVILLE COMMUNI TY F |
| | \$5,000 | 4/15/91 | | Not Responsive |

Search By

Parcel ID
Owner
Street Address
Sales
Map

Legal disclaimer / Privacy Statement

Data updated on 05/09/2003

Site Functions

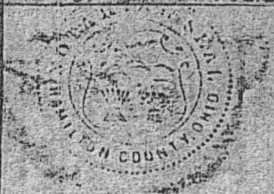
Property Search
On-Line Help
Comments
Home
Auditor's Home

Data update

| <p>WASCHBURN, PERCY 1720 HENSON AVE INTL. 0 192 65 121</p> <p>CASA AVE. 192 65 121 EX TS 627 2.04 AC. PT. LOT 11 E. C. ROLL CRY.</p> | | | | <p>TRANSFERRED TO PRESENT OWNER</p> <p>11 10 10 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 11 11 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 12 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 13 13 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 14 14 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 15 15 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 16 16 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 17 17 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 18 18 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 19 19 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>1 20 20 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> | | | | <p>VALUATIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>CHG. LPS</th> <th>REMARKS</th> <th>VALUATION</th> <th>TOTAL</th> <th>CHG. LPS</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>1920</td> <td></td> <td></td> <td>1430</td> <td>1430</td> <td></td> <td></td> </tr> <tr> <td>1930</td> <td></td> <td></td> <td>1470</td> <td>1470</td> <td></td> <td></td> </tr> <tr> <td>1940</td> <td></td> <td></td> <td>1470</td> <td>1470</td> <td></td> <td></td> </tr> <tr> <td>1950</td> <td></td> <td></td> <td>1750</td> <td>1750</td> <td></td> <td></td> </tr> <tr> <td>1960</td> <td></td> <td></td> <td>1750</td> <td>1750</td> <td></td> <td></td> </tr> </tbody> </table> | | | | DATE | CHG. LPS | REMARKS | VALUATION | TOTAL | CHG. LPS | REMARKS | 1920 | | | 1430 | 1430 | | | 1930 | | | 1470 | 1470 | | | 1940 | | | 1470 | 1470 | | | 1950 | | | 1750 | 1750 | | | 1960 | | | 1750 | 1750 | | |
|--|----------|---------|-----------|---|----------|---------|--|--|--|--|--|------|----------|---------|-----------|-------|----------|---------|------|--|--|------|------|--|--|------|--|--|------|------|--|--|------|--|--|------|------|--|--|------|--|--|------|------|--|--|------|--|--|------|------|--|--|
| DATE | CHG. LPS | REMARKS | VALUATION | TOTAL | CHG. LPS | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1920 | | | 1430 | 1430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1930 | | | 1470 | 1470 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1940 | | | 1470 | 1470 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1950 | | | 1750 | 1750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1960 | | | 1750 | 1750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>THE CODE</p> <p>BOOK PLAT PARCELS</p> | | | | <p>CHANGES</p> <p>12 28 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 29 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 30 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 31 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 32 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 33 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 34 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 35 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 36 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 37 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 38 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 39 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> <p>12 40 12 NEW HEALTH CO. INC. 1 A DAYLIGHT EXPOSURE</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DATE CHG. LPS REMARKS</p> | | | | <p>COOPERATION</p> <p>1920-1930-1940-1950-1960</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[Legal disclaimer](#) / [Privacy Statement](#)

Data update



In Testimony Whereof, I have hereunto subscribed
my name and affixed my Notarial seal
on the day and year last aforesaid.

TRANSEERED

JAN 16 1946

REC. FOR RECORD

[Signature]

Geo. E. Kearns, Notary Public,
Hamilton County, Ohio.

Filed JAN 16 1946
REC. FOR RECORD No. 1 AT 25.12
GEORGE E. KEARNS, RECORDER, HAMILTON COUNTY, OHIO

Gen. Ind. Bth Ser. No. 34 P212

WARRANTY DEED
With Dower—Copyrighted

The W. H. Anderson Co., Publishers, Cincinnati, O.

JAN 16 46 401502 —Dds—

Know all men by these presents:

That Henry Maschmeier,

in consideration of One (\$1.00) Dollar and other good and valuable
considerations,

to him paid by Ernst R. Schmer and Marie C. Schmer,
husband and wife,

the receipt whereof is hereby acknowledged, does hereby Grant, Bargain, Sell
and Convey to the said Ernst R. Schmer and Marie C. Schmer,

their heirs and assigns forever:
the following described real estate:-

Situate in Section 27, Town 3, Fractional Range 1, Miami Purchase,
City of Cincinnati, Hamilton County, Ohio, and being a part of Lot
Eleven (11) of Edward Holl's Estate as the same is recorded in Deed
Book 24, page 335 of the Hamilton County Recorder's Office, and
described as follows:

Beginning at a point in the east line of Cass Avenue, where the
same is intersected by the north line of said Lot Eleven (11); thence
south 87°40' east in the north line of said Lot Eleven (11), a distance
of three hundred sixty-eight and 10/100 (368.50) feet; thence south
E°53' west three hundred sixty-three (363) feet to a point in the north
line of Steffregan and Schmetz's Subdivision as the same is recorded
in Plat Book 5, Vol. 1, page 58, Hamilton County Recorder's Office;
said last mentioned point is three hundred sixty-eight and 80/100
(368.80) feet east of the east line of Cass Avenue, as measured in the
north line of said last mentioned subdivision; thence north E°16'
west in the north line of said last mentioned subdivision, two hundred
sixty-eight and 33/100 (268.33) feet, more or less, to a point one
hundred and 27/100 (100.27) feet east of the east line of Cass Avenue
as measured in the north line of said last mentioned subdivision;
thence northwardly parallel with the east line of Cass Avenue, ninety-
six and 24/100 (96.24) feet to the northeast corner of the tract
conveyed to Louis and Teresa Bruno by deed recorded in Deed Book 1474,
page 172; thence westwardly parallel with the north line of said Lot
Eleven (11), and in the north line of said last mentioned tract, a
distance of one hundred (100) feet to a point in the east line of
Cass Avenue; thence northwardly in the east line of Cass Avenue, two
hundred and fifty (250) feet, more or less, to the point of beginning.

Being a part of the premises conveyed to Henry Maschmeier by deed
recorded in Deed Book 926, page 428, Hamilton County Recorder's Office,

and subject to an easement in and upon above described property to the City of Cincinnati for all water sloping, cuts and fills required as shown on plan of absecession 111877 on file in the office of the Engineer of Sewers of the City of Cincinnati, Ohio, as per deed from Henry Meschmeyer to the City of Cincinnati, recorded in Deed Book 1509, page 606 of the Hamilton County, Ohio Records.

and all the Estate, Title and Interest of the said Henry Meschmeyer,

either in Law or Equity, of, in and to the said premises; Together with all the privileges and appurtenances to the same belonging, and all the rents, issues and profits thereof; To have and to hold the same to the only proper use of the said

Ernst R. Sohmer and Marie C. Sohmer,

their heirs and assigns forever.

And the said Henry Meschmeyer,

for himself and his heirs, executors and administrators, does hereby Covenant with the said Ernst R. Sohmer and Marie C. Sohmer,

that he is the true and lawful owner of the said premises, and has full power to convey the same, and that the title so conveyed is Clear, Free and Unincumbered; And further, That he does Warrant and Will Defend the same against all claim or claims of all persons whatsoever, except those now pending in Court, State and Federal, which the parties herein acknowledge and admit.

In Witness Whereof, The said Henry Meschmeyer and Louise Meschmeyer

who hereby release all right and expectancy of Power in the said premises, have hereunto set their hands and seals this 12th day of January in the year of our Lord one thousand nine hundred and thirty-six (1936).

Signed and delivered in presence of

John W. Bullock
Charles W. Bullock

Henry Meschmeyer
Louise Meschmeyer
HENRY MESCHMEYER



State of OHIO County of HAMILTON ss.

Be it Remembered, That on this 12th day of January in the year of our Lord one thousand nine hundred and thirty-six (1936) before me, the subscriber, a Notary Public, in and for said county, personally came

Henry Meschmeyer and Louise Meschmeyer

Know all Men by these Presents

That

HENRY MASCHMEYER and LOUISE MASCHMEYER, his wife,

in consideration of One (\$1.00) Dollar and other good and valuable considerations

to them paid by

ERNEST R. SCHMER and MARIE O. SCHMER, his wife,
No. 3729 Barron Avenue, Cincinnati, Ohio

the receipt whereof is hereby acknowledged, do hereby Grant, Release and Surrender with Claim to the said

ERNEST R. SCHMER and MARIE O. SCHMER

their heirs and assigns forever

the following described real estate situated in Section 27, Town 3, Hamilton County, Ohio, and being a part of Lot Eleven (11) of Edward Roll's Estate, as the same is recorded in Deed Book 24, page 335, of the Hamilton County Recorder's Office, and described as follows:

Beginning at a point in the east line of Cass Avenue, where the same is intersected by the north line of said Lot Eleven (11); thence South 27° 40' east on the north line of said Lot Eleven (11), a distance of three hundred sixty-eight and 80/100 (368.80) feet; thence south 53° 53' west three hundred sixty-three (363) feet to a point in the north line of Glottfeger and Schuetz's Subdivision, as the same is recorded in Plat Book 8, Volume 1, page 59 of the Hamilton County, Ohio, Records; said last mentioned point is three hundred sixty-eight and 80/100 (368.80) feet east of the east line of Cass Avenue, as measured in the north line of said last mentioned subdivision; thence North 83° 15' east in the north line of said last mentioned subdivision, two hundred sixty-eight and 55/100 (268.55) feet, more or less, to a point on the north line of said last mentioned subdivision, thence North 83° 15' east in the north line of said last mentioned subdivision, two hundred and 27/100 (200.27) feet, more or less, to a point on the north line of said last mentioned subdivision, thence North 83° 15' east in the north line of said last mentioned subdivision, two hundred and 27/100 (200.27) feet, more or less, to a point on the north line of said last mentioned subdivision, thence North 83° 15' east in the north line of said last mentioned subdivision, two hundred and 27/100 (200.27) feet, more or less, to a point on the north line of said last mentioned subdivision, thence North 83° 15' east in the north line of said last mentioned subdivision, two hundred and 27/100 (200.27) feet, more or less, to the point of beginning.

and being the same premises conveyed to Ernest R. Schmer and Marie O. Schmer, his wife, by deed recorded in Deed Book 24, page 335, of the Hamilton County, Ohio, Records, and subject to an easement in and over the same property to the City of Cincinnati for all stable purposes, and the title required in connection with the same, as set forth in the official of the Board of Supervisors of the City of Cincinnati, Ohio, as set forth in Deed Book 24, page 335, of the Hamilton County, Ohio, Records.

HENRY MASCHMEIER and LOUISE MASCHMEIER

...and appurtenances to the same belonging and all the rents, issues and profits thereof. To have and to hold the same to the only proper use of the said

ERNEST R. SCHMER and MARIE C. SCHMER

their heirs, and assigns forever.

The purpose of this deed is to correct an error in the description in a deed from Henry Maschmeier to Ernest R. Schmer and Marie C. Schmer recorded in Deed Book 2159, page 282 of the Hamilton County, Ohio, Records.

in testimony whereof, The said

HENRY MASCHMEIER and LOUISE MASCHMEIER, his wife,

who hereby releases all her right and expectancy of Dower in the said premises, have hereunto set their hands.

26th day of May in the year of our Lord one thousand nine hundred and forty-eight.

Signed and acknowledged in presence of

John W. Bullock
Betty Smith

to both

Henry Maschmeier
Louise Maschmeier

State of Ohio, County of Hamilton, ss.

Be it Remembered, That on this 26th day of May, in the year of our Lord one thousand nine hundred and forty-eight, before me, the subscriber, a Notary Public in and for said county, personally came

HENRY MASCHMEIER and LOUISE MASCHMEIER, his wife,

who presented to me the foregoing deed, and acknowledged the signing thereof to be their voluntary act and deed.

In Testimony Whereof, I have hereunto subscribed my name and affixed my notarial seal.

Know all Men by these Presents

That

ERNEST R. SCHWEPER and MARTIN C. SCHWEPER, his wife,

in consideration of One (\$1.00) Dollar and other good and valuable considerations

to them paid by

WILLIAM BATCHLER and OLGA RALPHY
No. 3729 Harrison Avenue, Cincinnati, Ohio

the receipt whereof is hereby acknowledged do hereby Grant, Bargain, Sell and Convey to the said

WILLIAM BATCHLER and OLGA RALPHY,
with the right of survivorship to
the survivor or either of them,

his or her heirs and assigns forever

the following described real estate situate in Section 27, Town 3, Range 2, Miami Purchase, City of Cincinnati, Hamilton County, Ohio, and being a part of Lot Eleven (11) of Edward Roll's Estate, and the same is recorded in Deed Book 24, Page 355, of the Hamilton County Recorder's Office, and described as follows:

Beginning at a point in the east line of Cass Avenue, where the same is intersected by the north line of said Lot Eleven (11); thence south 87° 40' east in the north line of said Lot Eleven (11) a distance of three hundred sixty-eight and 56/100 (368.56) feet; thence south 87° 40' east three hundred sixty-three (363) feet to a point in the north line of Storck's and Schnitzler's Subdivision, as the same is recorded in Plat Book 8, Volume 1, page 58, of the Hamilton County, Ohio, Records; said last mentioned point is three hundred sixty-eight and 60/100 (368.60) feet east of the east line of Cass Avenue, as measured in the north line of said last mentioned subdivision; thence north 87° 40' east and 58/100 (58.58) feet, more or less, to a point on the north line of said last mentioned subdivision, thence north 87° 40' east and 27/100 (27.27) feet east of the east line of Cass Avenue, as measured in the north line of said last mentioned subdivision; thence north 87° 40' east to the Southeast corner of the tract conveyed to said Batchler and Ralph by Deed recorded in Deed Book 24, Page 355 of the Hamilton County, Ohio, Records; thence southward parallel with the north line of said Lot Eleven (11), and in the north line of said last mentioned subdivision a distance of one hundred (100) feet to a point in the east line of Cass Avenue, thence northward in the east line of Cass Avenue two hundred and fifty (250) feet, more or less, to the point of beginning.

And being the only premises conveyed in Ernest R. Schwepers and Martin C. Schwepers, his wife, by Deed recorded in Deed Book 24, Page 355, of the Hamilton County, Ohio, Records, and subject to an easement in and to said described property to the City of Cincinnati, for all stable buildings, auto and fills required as shown on plan or excavation filed in this office of the Engineer of Public Works of the City of Cincinnati, Ohio, as per Deed of said Harry Benschmidt to the City of Cincinnati, Ohio, recorded in Deed Book 1504, Page 604, of the Hamilton County, Ohio, Records.

THOMAS R. SCHMIDT and MARY A. SCHMIDT
do hereby certify that the above premises are the same premises as those described in the foregoing deed of conveyance and that the same premises are the same premises as those described in the foregoing deed of conveyance.

WILLIAM HATCHER and OLGA RALPH
and the survivor of either of them,

his or her heirs, and assigns forever.

And the said

ERNEST R. SCHMIDT and MARY O. SCHMIDT

for themselves and their heirs, executors and administrators,
do hereby Covenant with the said

WILLIAM HATCHER and OLGA RALPH
and the survivor of either of them,

his or her heirs, and assigns,

that they are the true and lawful owner of the said premises and have full power to convey the same, and that the title so conveyed is Clear, Free and Unincumbered; And further, That they do warrant and will defend the same against all claims or claims of all persons whatsoever, except taxes due and payable in June, 1943, and thereafter all of which the grantess herein assume and agree to pay.

As Witness Hereof, The said ERNEST R. SCHMIDT and MARY O. SCHMIDT, his wife, who each convey in their own right, and who each release all their right, title and expectancy of dower in the premises of each other,

do hereby certify that the above premises are the same premises as those described in the foregoing deed of conveyance and that the same premises are the same premises as those described in the foregoing deed of conveyance.

Witness my hand and seal in presence of

[Signature]
[Signature]

[Signature]
Ernest R. Schmidt

[Signature]
Mary O. Schmidt

State of Ohio, County of Hamilton, SS.
Be it Remembered, That on this 23rd day of May, 1943, in the year of our Lord one thousand nine hundred and forty-three, before me the undersigned a Notary Public in and for said county personally came

ERNEST R. SCHMIDT and MARY O. SCHMIDT, his wife,

and that the title so conveyed is Clear, Free and Unincumbered, and further that he will Warrant and Defend the same against all claims of all persons whomsoever, - The Grantor herein assumes the payment of all Taxes and assessments hereafter becoming due and payable. -

In Witness Whereof. The said Morris Bauer and Henrietta Bauer his wife, who hereby releases all her right and expectancy of Dower in the said Premises, - have hereunto set their hands, this Seventh day of March, in the year of our Lord, One Thousand Nine hundred and Five.

Signed and Acknowledged

in presence of -

Anna Miller

Joe Bauer

Morris Bauer

Henrietta ^{his} _{mark} Bauer

- State of Ohio. County of Hamilton S. S. -

Be it Remembered, That on this Seventh day of March, in the year of our Lord, One Thousand Nine hundred and Five, before me, the undersigned, a Notary Public, in and for said County, personally came Morris Bauer and Henrietta Bauer, his wife, the grantors in the foregoing Deed, who acknowledged the signing thereof to be their voluntary act and deed.

In Testimony Whereof, I have hereunto subscribed my name and affixed my Notarial Seal, on the day and year last aforesaid.

Walton M. Bliniant.

Notary Public.

Hamilton County Ohio.

Recd for Record, June 14th 1905. © 11:2 A. M.

P.D. 58 p. 66.

Deed.

Henry Barkham, et al.

To. Henry Maschmeier.

per Shff. -

- Whereas, on the 6th day of October, A.D. 1904, Henry Barkham, Plaintiff filed his Certain Petition in the Court of Common Pleas, of Hamilton County Ohio, against Frederick Barkham, Charles Barkham, William Barkham, Catharine Dinker, Sophia Kline, Edith Barkham, - a minor aged 14 years, Catharine Dinker, Guardian of said Edith L. Barkham, Henry C. Kline, husband of said Sophia Kline, Benjamin Dinker, husband of Catharine Dinker, Defendants, and numbered on the docket of said Court as case No. 14998, praying therein for "Partition of Real Estate"; (Afterwards, Anthony B. Dunlap was duly appointed guardian ad litem, for said minor defendant and appearing in open Court accepted said appointment. -) And Whereas,

DEED BOOK -

9
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afterwards, to wit - on the 13th day of December, in the Term of October, A. D. an order was made by said Court, in said cause finding among other things that each of said defendants, had been duly notified of the pendency ^{the} prayer of the petition ^{and} had failed to answer a demand to the same, save said Edith Barkhan, who by her Guardian ad litem appointed therein had duly answered the same, that the Plaintiff Henry Barkhan, had a legal right to ^{the} was seized in fee simple of one seventh part of the premises described in the petition, that said Frederick Barkhan, Charles Barkhan, William Barkhan, Catherine Dierker, Sophia Kleine, and Edith Barkhan, were tenants in common in said Premises, with said Plaintiff, ^{and} were each seized of one seventh part thereof, that the Plaintiff was entitled to partition as prayed for - It was therefore ordered adjudged ^{and} decreed that an order issue to the Sheriff of said County, Commanding him that by the oaths of Frederick Stallman Jr. William Rockling, and John Hackmeier, three disinterested freeholders of said County, he cause partition to be made of said premises among the several parties entitled thereto, ^{and} in the proportions theretofore found, And that if the same could not be done without manifest injury to the premises, he cause said premises to be appraised by said Commissioners at their true value in money. And that he make return of his proceedings to said Court. -

- And Whereas, afterwards to wit, on the 17th day of December, A. D. 1904. an Order of Partition was issued out of the Clerk's office of said Court, to the Sheriff of said County, Commanding him to cause partition to be made of said premises, in accordance with the order of said Court. - And Whereas, afterwards to wit - on the 17th day of December, A. D. 1904. said Sheriff returns said order, together with the report of the Commissioners, that said premises could not be divided without manifest injury, and that they had appraised the premises hereinafter described, at its actual value in money, to wit - the sum of \$ 3000.00 - And Whereas, afterwards to wit - on the 16th day of March A. D. 1905. said Court having examined the proceedings of said Sheriff, the report of said Commissioners, ^{and} the return by said Sheriff, made, and finding the same in all respects correct ^{and} in conformity to law did approve ^{and} confirm said report, And thereupon neither of the parties electing to take said premises at the appraised value thereof, it was ordered by said Court that said Sheriff, proceed to advertise and sell said premises according to Law on the premises, and that he make return of his proceedings to said Court. - And Whereas -

aforesaid to wit, on the 17th day of March A. D. 1905. - in
 pursuance of said order ^{and} judgment of said Court, ^{and} found-
 ed thereon, an order of sale issued from said Court, in
 said cause, directed to Salmon Jones, Sheriff of Hamilton
 County, Ohio, Commanding him to execute the said order, ^{and}
 in all things to be governed by the provisions of the statute
 in such case made and provided, and of said order, with his
 proceedings thereon, he should make due return. - And
 Whereas, [&] the said Salmon Jones, Sheriff aforesaid, hav-
 ing advertised the time ^{and} place of selling said premises in
 The Cincinnati Commercial Tribune, ^{and} Cincinnati Free
 Press, newspapers printed and of general circulation in
 said County, for the period of Thirty days prior to the day
 of sale, ^{and} otherwise complied with the said order, ^{and}
 the provisions of the statute in relation to such cases did
 on the 27th day of April, A. D. 1905, on the premises, in
 Cincinnati, at 10 o'clock A. M. of said day, expose to sale
 at public auction, the premises hereinafter mentioned, ^{and}
 thereupon Henry Maschmeier, did bid for the premises, the
 sum of Twenty Two Hundred (\$2200.00) Dollars, which
 said sum being the highest ^{and} best bid offered for the same
^{and} not less than two thirds the appraised value thereof.
 the said premises were then ^{and} there struck off to him the
 said Henry Maschmeier, the purchaser for the sum above
 mentioned. - And Whereas, the said Court at its April Term,
 1905, having examined the proceedings of the said Salmon
 Jones, Sheriff aforesaid, in the premises under said order
 of sale, ^{and} being satisfied that the sale aforesaid, had
 been made in all respects in pursuance of said judgment
^{and} order of sale, ^{and} according to the requisitions of the
 statute regulating such sales, did order that such sale
 should be confirmed, ^{and} that the said Sheriff of Hamilton
 County, should convey the said premises by deed in fee-
 simple to the purchaser aforesaid, ^{and} it appearing to the
 Court that said purchaser desired to pay all Cash, it
 was ordered that said Sheriff receive the same. - Now -
 Know Ye - That [&] the said Salmon Jones, Sheriff aforesaid
 by virtue of said order for partition, order for sale, sale
^{and} confirmation, ^{and} of the statute in such cases made
^{and} provided, ^{and} for ^{and} in consideration of the Premises here-
 in, ^{and} the sum of Twenty Two Hundred (\$2200.00) Dollars,
 which [&] acknowledge to have received from Henry Maschmeier
 do hereby sell ^{and} convey unto him the said Henry Masch-
 meier, his heirs ^{and} assigns forever: -

- The following described
 Real Estate, to wit - All that tract of Land, in Section 27.

DEED BOOK -

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Township 3. T. R. v. of the Miami Purchase, Hamilton County, Ohio, are beginning in the North line of lot No. Ten (10) - of E. C. Roll's Subdivision, in said Section at the Center of West Fork Creek, thence west along the North line of lot 10. and of lot 11, of said Subdivision to the East line of Collins Avenue, thence South along the east line of Collins Avenue - 336.68 feet more or less to the South line of E. W. Barkham's Land, thence South 83. degrees, 05. Minutes east about 417. feet to the east line of lot No. 11. aforesaid, thence North, along the east line of said lot No. 11. to the Center of the West Fork Creek, thence in a northeasterly direction along the center of said Creek to the North line of said lot. 10. at the place of beginning, Containing 3.68. Acres, more or less, and being the two tracts of land marked 3.77, and 4.41 Acres, as shown upon E. W. Barkham's Subdivision, as recorded in Plat-Book 7. page. 82. Records of said County, saving and excepting therefrom a lot of 31.44. feet on Collins Avenue, by 100. feet deep, as deeded by E. W. Barkham to H. C. Kline, as per Deed recorded in Book 743. page. 581. with an agreement to dedicate a 14 foot wide Alley through said premises, and saving and excepting therefrom a lot 30.44. feet front on Collins Avenue by 100. feet deep, as herein set off by the Commissioners in partition to Sophia Kline.

- Together with all the privileges, and appurtenances thereto belonging, and all the right, title and interest of the said Henry Barkham, Frederick Barkham, William Barkham, Catherine Dinkler, Sophia Kline, Edith Barkham, Catherine Dinkler, Gmandian, Henry C. Kline, Benjamin Dinkler, Charles Barkham, and of all the other parties to said suit of in and to the same. To have and to hold the premises aforesaid, unto the said Henry Marchmeier, his heirs and assigns forever, as fully and completely as if the said Salmon Jones Sheriff of Hamilton County Ohio, by virtue of said order for partition, order of Sale, Sale and Confirmation, and of the statute made and provided for such cases might or should sell and convey the same. In Witness Whereof, I have hereunto set my hand and Seal, this 23rd day of May. A. D. 1905.

Signed, Sealed and Acknowledged

in presence of -
Louis L. Robinson
Geo. W. Finn

Salmon Jones, (Seal)
Sheriff
of Hamilton County Ohio

State of Ohio }

Hamilton County, } S. S. - Personally appeared before me, the undersigned, a Notary Public within and for said County, the above named Salmon Jones, Sheriff of Hamilton County

Ohio, the grantor in the above deed of Conveyance, who acknowledged the signing and sealing of the same to be his voluntary act, and the deed, for the uses and purposes therein mentioned. - In Witness Whereof I have hereunto set my hand and affixed my Notarial Seal, this 13^d day of May A.D. 1905.

(R. P.
seal.)

Louis L. Robinson.

Notary Public.

Hamilton County Ohio.

Rec'd for Record - June 14th 1905. @ 11th A.M.

92. 11. 74.

Geo. H.

31.6.1905

Deed.

Fred. W. Klam, Assignee. - To. J. T. Thompson
- Know all Men by these Presents:
That Whereas, on the 8th day of June, 1904, John T. Weighell, made an assignment of all his property including the Real-Estate hereinafter described, in trust for the benefit of his Creditors to Fred. W. Klam, and the Deed of Assignment, was filed in the Insolvency Court of Hamilton County Ohio, on the 9th day of June, 1904, at 9¹² o'clock, A.M. and on the 10th day of June, 1904, said Fred W. Klam, was duly appointed and qualified as Assignee of said John T. Weighell, by the Insolvency Court of said County, and afterward to wit, on the 19th day of July, 1904, said Assignee filed his Claim petition, and then and thereby commenced an action in the Insolvency Court of Hamilton County Ohio, against John T. Weighell, Mary E. Weighell, J. R. French, The State of Ohio, John H. Gibson, Treasurer of Hamilton County Ohio, Eugene L. Lewis, Auditor of Hamilton County Ohio, H. L. Van Tress, et. al. and numbered on the Docket of said Court as case No. 422, praying among other things for an order of Sale of certain Real-estate therein mentioned and hereinafter described. - And Whereas such proceedings were had in said action that on the 31st day of January, 1905, said Court, finding the allegations of the petition true and that said Real Estate, ought to be sold as prayed for in said petition, and on same day an order for Sale, was issued, which was afterwards set aside and on May 14th 1905, a decree was entered which ordered that said Assignee proceed according to law to sell the said Real-Estate at private Sale, for not less than two thirds of the appraised value thereof. And on the same day, in pursuance of said order and judgment, an order of Sale, with said Real-Estate therein described, was issued out of said Court, under the Seal thereof, to the said Fred.

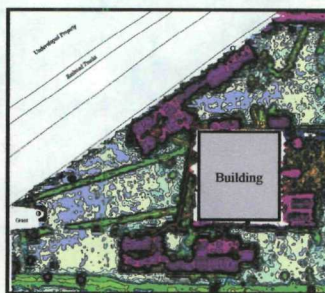
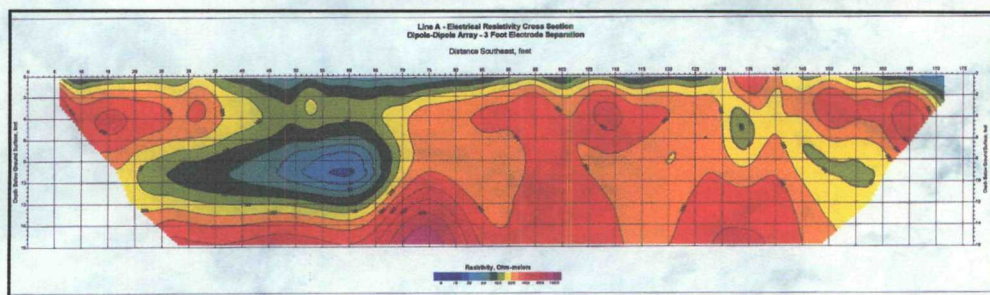
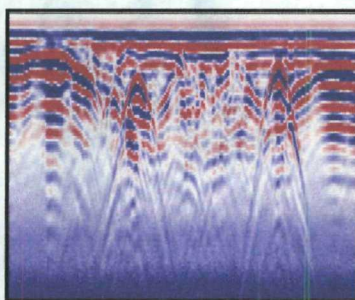
DEED BOOK -

926

APPENDIX F

GEOPHYSICAL INVESTIGATION REPORT

ATC ASSOCIATES, INC.
HERRON AVENUE SITE
CITY OF CINCINNATI PARCEL
CINCINNATI, OHIO
MUNDELL PROJECT NO.: M03020
APRIL 30, 2003



MUNDELL & ASSOCIATES, INC.

Consulting Professionals for the Earth and the Environment

429 East Vermont Street, Suite 200
Indianapolis, Indiana 46202-3688
317-630-9060, fax 317-630-9065
info@MundellAssociates.com

MUNDELL & ASSOCIATES, INC.

429 East Vermont Street, Suite 200, Indianapolis, Indiana 46202-3688

Phone: 317-630-9060, Fax: 317-630-9065, email: info@MundellAssociates.com

April 30, 2003

Mr. Michael J. Luessen
Environmental Division Manager
ATC Associates, Inc.
11121 Canal Road
Cincinnati, Ohio 45241

Re: Report of Geophysical Survey
Buried Metal Detection Survey
Herron Avenue Site, City of Cincinnati Parcel
Cincinnati, Ohio
Mundell Project Number M03020

Dear Mr. Luessen:

In accordance with our proposal dated March 25, 2003, MUNDELL & ASSOCIATES, INC. (MUNDELL) is providing ATC Associates, Inc. (ATC) final written documentation of the geophysical survey conducted at the Herron Avenue Site located along Herron Avenue between Dreman and Powers Avenues, Cincinnati, Ohio (Site). The geophysical survey was conducted on April 15, 2003. The intent of this geophysical project is to determine the approximate horizontal limits of accumulations of buried metal, potentially including steel drums.

Introduction

The Site is located along a previously undeveloped length of Herron Avenue. Recent construction work as part of a proposed residential development effort has revealed the presence of buried steel drums within a portion of the Site. The proposed area of development is owned by the community of South Cumminsville with the exception of a right-of-way corridor, which is owned by the City of Cincinnati. The right-of-way is approximately 650 feet long and 50 feet wide, comprising an area of approximately 0.75 acres. The remaining portion owned by South Cumminsville is an irregularly-shaped parcel approximately 3.34 acres in size. The information presented in this report concerns only the portion of the proposed development that is owned by the City of Cincinnati.

At the time of the geophysical survey, the Site primarily consisted of exposed graded soil and tree cover with some piles of debris and new construction materials. Given the size of

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the Site, it was determined that geophysical mapping would be an appropriate means to provide a preliminary, non-intrusive assessment of buried metal accumulations.

Based on the site conditions and project objectives, MUNDELL performed an EM-61 MKII metal detection survey using a Global Positioning System (GPS) receiver to calculate the instrument location. It was determined that data would be collected along lines spaced approximately 2 meters apart.

Scope and Results of Geophysical Survey Performed

Survey Control

To control data collection, a rough grid system was setup at the site. Temporary flags were placed approximately 2 meters apart along east-west lines spaced approximately 50 feet apart. The rough grid system was used as a guide to ensure proper data density during the data collection process. Actual data locations were tracked with a Trimble Ag114 GPS system, which obtained real-time differentially-corrected positions at one second intervals. The GPS positioning data were recorded by the EM-61 MKII data logger.

EM-61 Metal Detection

MUNDELL collected metal detection data using a Geonics EM-61 MKII. The EM-61 is a high-sensitivity, high-resolution, time-domain metal detector. It consists of two vertically-separated, coaxial, square coils, each with a dimension of one meter by one meter, mounted to a wheel assembly. The instrument operator pulls the coil assembly along the line of profile while data is collected nearly continuously (one reading every 0.63 feet). Data were collected along north-south lines spaced approximately 2 meters apart, according to the rough grid placed on the ground. As the operator traversed the study area, the coil response in millivolts (mV), and GPS positions were recorded by a digital data logger. The EM-61 MKII is designed to take readings from the bottom coil at three successive time gates (channels 1-3) after shut-off of the transmitter coil has occurred. When energized, the transmitter coil creates an electromagnetic field (EMF), which induces a secondary EMF in subsurface materials that decays over time. The EMF associated with poor conductors decays relatively quickly, while the EMF associated with conductive metallic objects decays relatively slowly. Objects that are more conductive therefore have a proportionately larger signal in the later time gates than objects that are less conductive. The earliest time gate reveals the presence of a wide range of conductive objects and is most useful for determining where all metallic objects are located. The latest time gate is a more selective view of conductive objects because it tends to reflect the locations of the most extensive and most conductive objects. At the third time gate the data logger also records the signal strength from the upper coil (channel 4). This additional measurement is used to filter out

the effect of near-surface metallic materials, allowing for a distinction between deeper and shallower metallic objects. This is done by subtracting bottom coil response from the top coil response to yield the channel difference.

Once the data were gathered, they were transferred to a laptop computer. Positional data from the GPS receiver were merged with the EM-61 signal response data using *DAT61MKII*. Data were then imported into *Surfer v8.0* for gridding, contouring, and plotting as color-filled contour maps of signal strength at the latest time gate (Channel 3, presented on Figure 1), and the Channel Difference (Figure 2).

Data Interpretation

Figure 1 illustrates the EM-61 Channel Three (late time gate) metal detection results as a color contour map of the bottom coil response (in millivolts). Both surficial and buried metal objects, such as steel posts, drums, drum lids, wheel rims, cast iron, and reinforced concrete, typically register the greatest signal strengths (hundreds of millivolts). Using a standard MUNDELL color scale for depicting significant collections of metallic objects, Figure 1 shows both above ground and buried metallic objects as red to violet. Areas with lesser concentrations of metallic objects are depicted as yellow to orange, while areas with few or no metallic objects are presented as cross-hatched. The Channel Difference map (Figure 2) uses the same color scale to portray buried metallic objects.

The Channel Three map (Figure 1), which is a gross indicator of metallic objects both above the surface and beneath the surface, shows an area of strong coil response (red to violet in color) across the central portion of the Site. This map clearly indicates a nearly pervasive presence of metallic objects, and the pattern of these anomalies suggest a poorly organized, randomly placed response typical of landfills. This area of strong Channel Three coil response is greatly subdued on the Channel Difference map (Figure 2), indicating that the bulk of metallic objects in this area are either at or near the surface. The Channel Difference calculation helps focus the interpretation on the more deeply buried objects of potential interest.

A large number of relatively strong anomalies caused by buried metallic objects are found on the Channel Difference map (Figure 2), mostly in the northern two-thirds of the Site¹. Based upon MUNDELL'S prior experience with metal detection surveys where drum burial was documented, significant accumulations of buried metal generally have a channel difference response of approximately 250 mV or greater. Anomalies of this magnitude seen on the Channel Difference map are delineated on Figure 2 with a hachured blue line. With

¹ The red to violet areas observed on the Channel Three map (Figure 1) are primarily interpreted as being caused by debris, scrap metal, old castings, etc., that were observed at the surface during the data collection process.

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the exception of the largest anomaly in the study area, the magnitude, size, shape, and sporadic distribution of the delineated anomalies is generally not consistent with typical anomalies seen at systematic drum burial sites; thus, if drums are present, they appear to have been buried in a somewhat random pattern within the larger fill accumulation. The exception to this generalization is the anomaly centered at UTM 711412E, 4336930N, which is the most laterally extensive, regularly-shaped, and highest magnitude anomaly found across the study area.

Conclusions and Recommendations

EM-61 metal detection mapping has revealed occurrences of numerous sporadically placed metallic objects with corresponding anomalies that vary widely in size and shape. These metallic objects were placed in accumulations of domestic and industrial wastes in a somewhat haphazard pattern. The central portion of the Site contains a laterally extensive collection of surficial metallic objects which strongly influenced the EM-61 survey. The deeper-focused Channel Difference data indicates a number of locations of buried metallic objects found within the Site. The nature of the metallic objects at these locations is not known at this time; however, most of the anomalies are not consistent with examples of systematic drum burial (i.e., organized burial in regularly shaped excavations) with which MUNDELL has had prior experience. However, the largest anomaly, centered at UTM 711412E, 4336930N, likely represents a significant accumulation of buried metal, and has a somewhat organized appearance possibly consistent with systematic drum burial.

If greater certainty regarding the origin of the geophysical anomalies is desired, it is recommended that direct observation (excavation) be conducted, particularly at the exceptional anomaly noted above. Each area of potential interest can be located by the UTM coordinates given on Figures 1 and 2, or by direct measurement from Site features portrayed on the aerial photo base map.

Limitations

This study included a limited set of geophysical readings across limited portions of the Site. The results and interpretations of the geophysical survey performed are considered generally reliable and were conducted in a manner generally consistent with practitioners in the field of geophysical engineering. The methods used in this investigation are considered reliable; however, there may exist localized variations in the subsurface conditions that have not been completely defined at this time. Properly conducted test borings and other exploratory techniques are necessary to more completely determine the subsurface conditions at the site.

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The scope of our services does not include any environmental assessment or investigation for the presence or absence of hazardous or toxic materials in the soil, ground water or surface water within or beyond the site studied.

The site features presented on the site base map are for informational purposes only and no representation is made as to the accuracy or completeness of this information. It is recommended that a practicing professional with expertise in utility location be contacted prior to conducting drilling or excavating activities.

Closing

MUNDELL appreciates the opportunity to provide ATC with this geophysical survey, and we look forward to working with you on future projects. If you should have any questions regarding this project, please do not hesitate to contact us at 317-630-9060.

Sincerely,

MUNDELL & ASSOCIATES, INC.

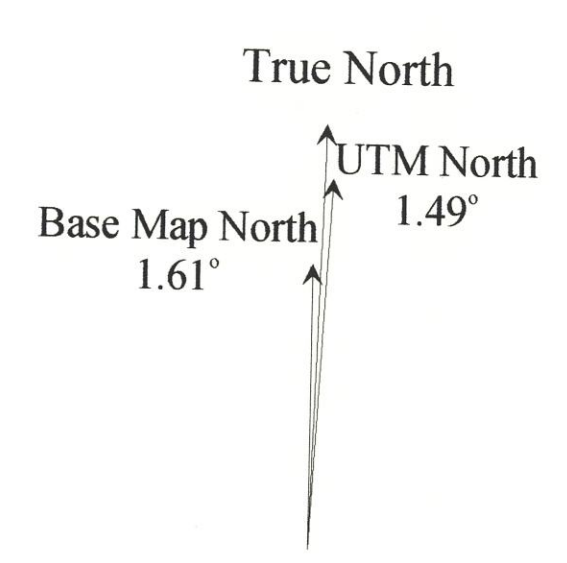
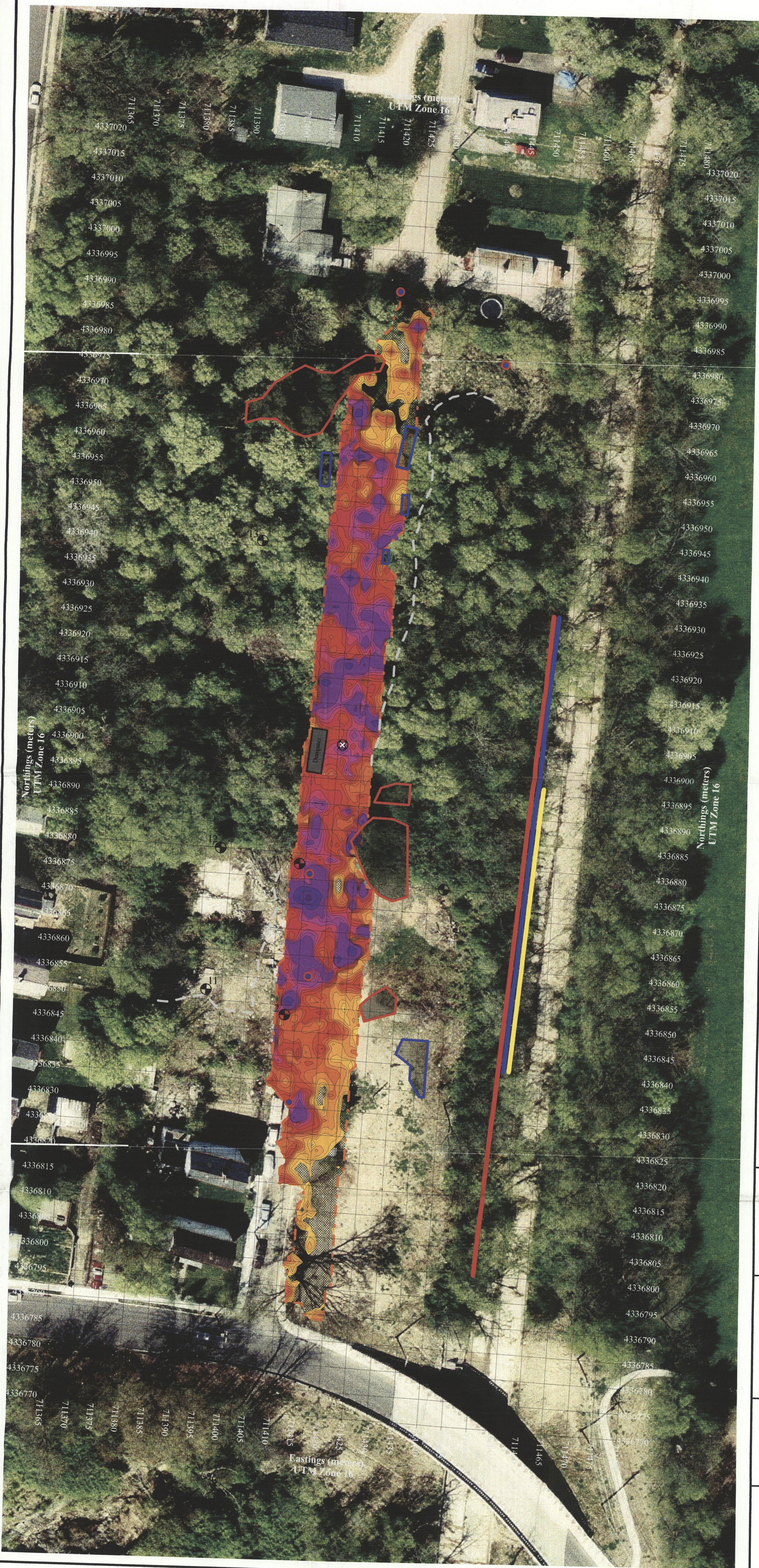


John Vanderlaan
Staff Geologist / Geophysicist



Gregory B. Byer, P.E., L.P.G.
Director of Geophysical Services

Attachments: Figure 1. EM-61 Channel Three Map
Figure 2. EM-61 Channel Difference Map

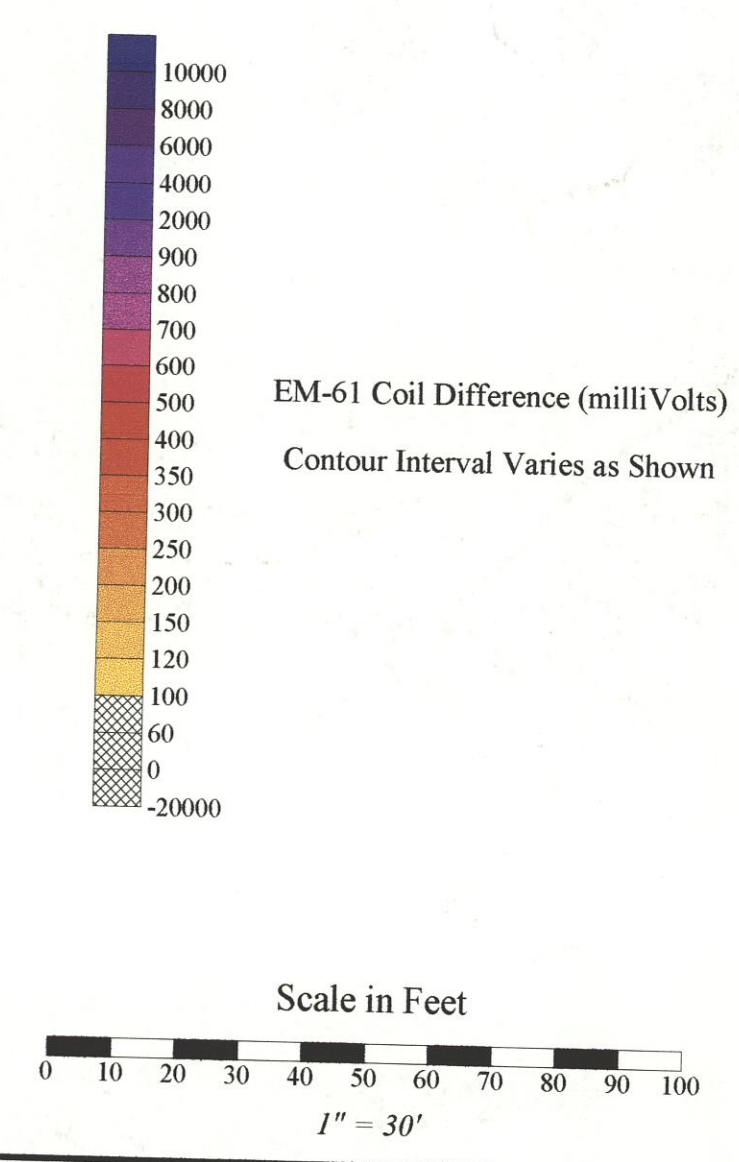


LEGEND

- Known Buried Drum
- Test Boring (Designation unknown if not presented)
- Sewer Manhole (Installed)
- Residential Waste Exposed Along Creek Bank
- Industrial Waste Exposed Along Creek Bank
- Drums Exposed Along Creek Bank
- Sidewall of Graded Soil
- Boundary of Study Area
- Soil Pile
- Pipe (Concrete or PVC)

Base Map Provided by ATC Associates, Inc.
Structure and Feature Locations are
Provided for Informational Puposies Only

Data were Collected According to the
Universal Transverse Mercator
(UTM) Grid Shown.



MUNDELL Project Number: M03020
Client: ATC Associates, Inc.
Project Name: ATC Cincinnati Herron Ave Site
Project Location: Cincinnati, Ohio
Date of Survey: April 15, 2003
Type of Survey: EM61 Metal Detection
Additional Services: none
Geophysicists: G. Byer, J. Vanderlaan
Line Spacing: ~2 meters
In-line Data Point Spacing: ~0.2 meters
Collection Mode: wheel odometer

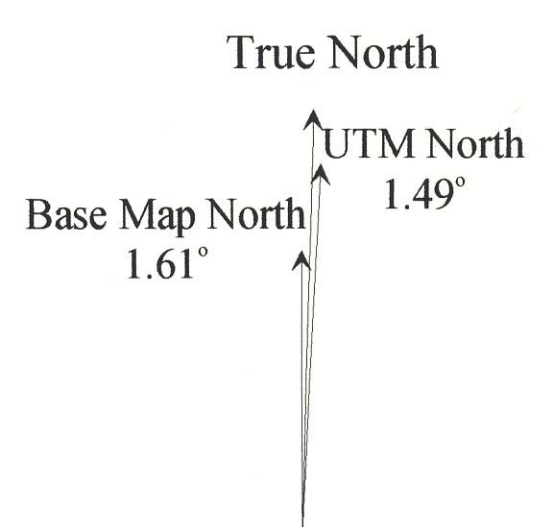
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Gridding Method: Minimum Curvature
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Cell Size: 1.0(X), 1.0(Y)

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Surfer File = M03020.srf
Processed Data Path = R:\M03020\...Processed Data
Raw Data = R:\M03020\...Raw Data
Data File (surfer-ready) = C25M03020UTM.tg3.xls
Grid File = M03020chdiff.grd, M03020ch2.grd
Level File = M03020.lv, M03020.dlv
Drafted By: JV

Figure 1. EM-61 Channel Three Map

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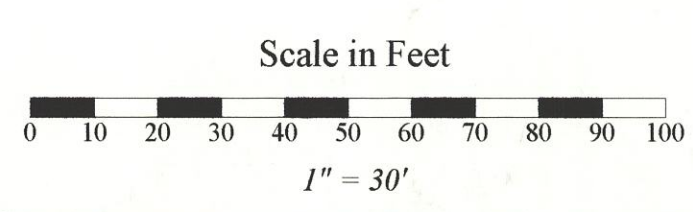
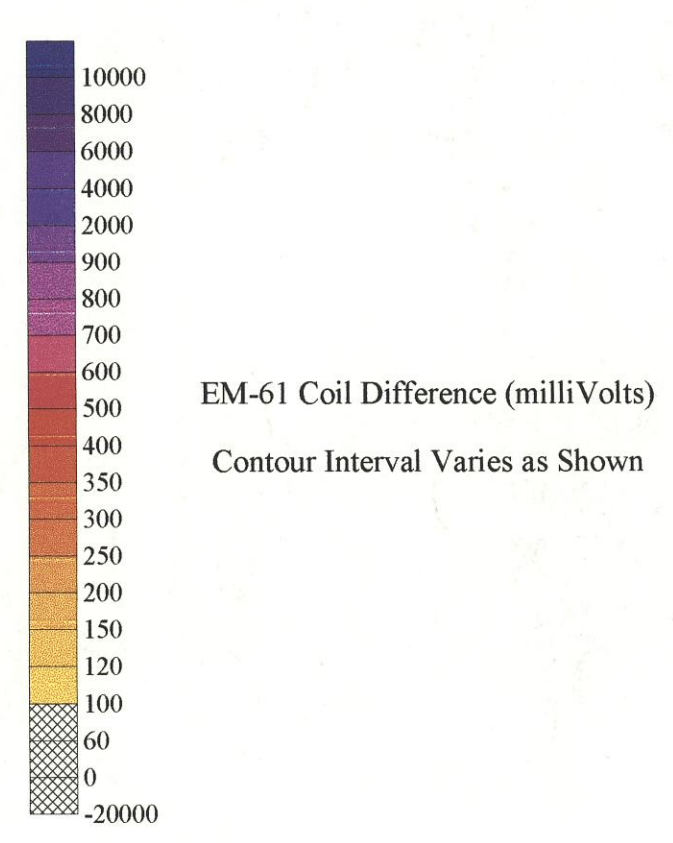


LEGEND

- Area of Buried Metal Accumulation (Channel Difference Response >250mV)
- Known Buried Drum
- Test Boring (Designation unknown if not presented)
- Sewer Manhole (Installed)
- Residential Waste Exposed Along Creek Bank
- Industrial Waste Exposed Along Creek Bank
- Drums Exposed Along Creek Bank
- Sidewalk of Graded Soil
- Boundary of Study Area
- Soil Pile
- Pipe (Concrete or PVC)

Base Map Provided by ATC Associates, Inc.
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Main Surfer Map Path = R:\M03020\...Maps
Surfer File = M03020.srf
Processed Data Path = R:\M03020\...Processed Data
Raw Data = R:\M03020\...Raw Data
Data File (surfer-ready) = C25M03020UTM.tg3.xls
Grid Files = M03020chdiff.grd, M03020ch2.grd
Level File = M03020.lv, M03020 diff.lv
Drafted By: JV

14/7/34/05/05/03

Figure 2. EM-61 Channel Difference Map

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